WALTER BAUER, M. D.
MASSACHUSETTS GENERAL HOSPITAL
BOSTON 14, MASSACHUSETTS

WALTER BAUER, M. D.
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One Hundred and Forty-Second
Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Waverley

For the Year
1955
Officers and Staff
1956

BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

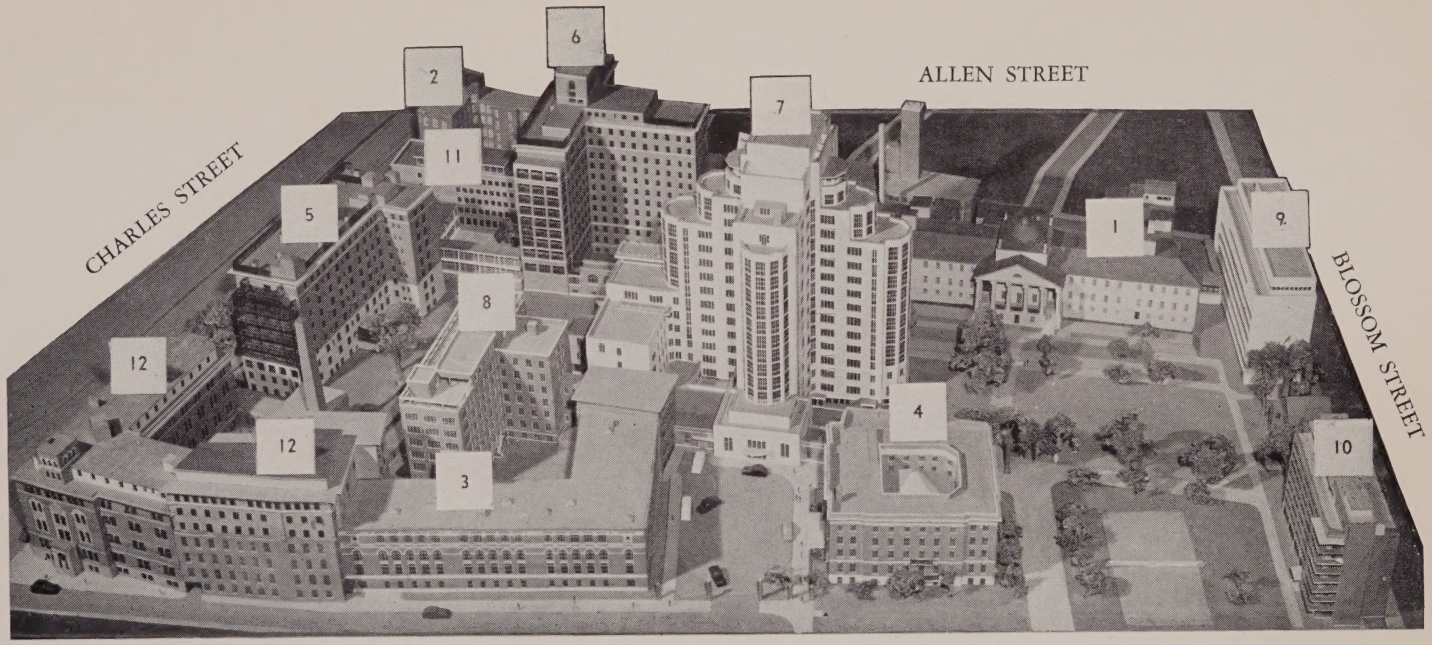
Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

Member of United Community Services of Metropolitan Boston
Member of American Hospital Association

Approved by American College of Surgeons and American
Medical Association for Residencies and Internships



THE MASSACHUSETTS GENERAL HOSPITAL

1. Bulfinch Building (1821); 2. Thayer House Nurses' Residence (1893); 3. The Clinics Building (1903); 4. Moseley Building (1916); 5. Phillips House (1917); 6. Baker Memorial (1930); 7. George Robert White Building (1939); 8. Vincent Memorial Hospital and Burnham Memorial for Children (1947); 9. Research Building (1951); 10. Bartlett Hall Nurses' Residence (1953); 11. Medical Science Building (under construction); 12. *Massachusetts Eye and Ear Infirmary* (1899).

One Hundred and Forty-Second Annual Report of the Trustees

OF

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston and the McLean Hospital in Waverley

For the year

1955

Officers and Staff

1956

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*Appointed by the Governor of the Commonwealth

BOSTON · MASSACHUSETTS

Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay for private medical care, The Baker Memorial for private patients of moderate means, and the Phillips House for private patients. All three divisions are for the care of acutely ill persons, or for such chronic cases as can be substantially relieved by hospitalization of short duration.

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA 3-8200.

Arrangements for the admission of patients to the General Hospital should be made at the Admitting Office in the George Robert White Building (Extension 414).

Emergencies are admitted at any hour; arrangements should be made by telephone. Persons injured by accident or overcome by acute illness may come to the Emergency Ward at the Hospital entrance at any time.

The rate in the general wards is $16.00 per day for board plus charges for additional services, such as laboratory, X-rays, operating room and special medicine. A deposit is usually required upon admission, and bills are payable weekly thereafter in advance.

The Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary, open for admission from 8:15 to 10:00 o'clock each morning, are for patients who can not afford the cost of private medical care. Appointments may be made by mail, telephone, or personal application at the Admitting Desk.

THE BAKER MEMORIAL

Entrance: Same as the General Hospital. Telephone — LA 3-8200.

The Baker Memorial is for patients of moderate means. Arrangements for admission should be made at the Admitting Office in The Baker Memorial (Extension 446).

Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

Single, 2-bed and 4-bed rooms are offered from $16.00 to $21.00 per day plus appropriate physicians' fees and charges for additional services.

THE PHILLIPS HOUSE

Entrance: 265 Charles Street. Telephone—LA 3-8200.

Information about admission may be obtained at the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

The Phillips House offers only single rooms, from $22.00 to $35.00 per day plus charges for additional services. Attending physicians arrange their own fees.

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George P. Sturgis, M.D.
Arthur L. Watkins, M.D.
†Edwin O. Wheeler, M.D.
Richard G. Whiting, M.D.

---

*Assigned to Gynecology
**Board of Consultation 7.1.56
†U.S.P.H.S.

Assistants in Medicine

John C. Angley, M.D.
Francis G. Barnum, Jr., M.D.
Patricia H. Benedict, M.D.
John A. Benson, Jr., M.D.
Kenneth T. Bird, M.D.
William P. Chapman, M.D.
Leonard W. Cronkhite, Jr., M.D.
James H. Currens, M.D.
Willard Dalrymple, M.D.
Gerald S. Foster, M.D.
John G. Freymann, M.D.
Joseph W. Gardella, M.D.
Philip H. Henneman, M.D.
John Homans, Jr., M.D.
John W. Irwin, M.D.
H. Walter Jones, Jr., M.D.
Lewis W. Kane, M.D.
John W. Keller, M.D.
Rita M. Kelley, M.D.
John W. Littlefield, M.D.
Farahe Maloof, M.D.
Walter W. Point, M.D.
John T. Quinby, M.D.
William D. Sohier, Jr., M.D.
Joseph Stokes, III, M.D.
Morton N. Swartz, M.D.
Elbert P. Tuttle, Jr., M.D.
Frank A. Warner, M.D.

Associate Physicist

Gordon L. Brownell, PH.D

Associate Biologists

Nancy L. R. Bucher, M.D.
Jerome Gross, M.D.

Associate Biophysicist

Jesse F. Scott, M.D.

Associate Biochemists

Lewis L. Engel, PH.D.
John Gergely, M.D.
Mahlon B. Hoagland, M.D.
Roger W. Jeanloz, D.SC.
Robert B. Loftfield, M.D.
Karl Schmid, PH.D.

Assistant Biochemists

Elizabeth B. Keller, PH.D.
Morris Soodak, PH.D.
Leonard B. Spector, PH.D.

Assistant in Biochemical Research

Billy Baggett, PH.D.

Research Associate

Grace Margaret Rourke

DERMATOLOGY

Chief of Service

Chester N. Frazier, M.D.

Dermatologist

Maurice M. Tolman, M.D.

Associate Dermatologists

John Adams, Jr., M.D.
Walter F. Lever, M.D.

Assistant Dermatologists

Earl A. Glicklich, M.D.
Robert D. Griesemer, M.D.
Milton E. Helman, M.D.
William R. Hill, Jr., M.D.
Mildred L. Ryan, M.D.
Robert F. Tilley, M.D.

Assistants in Dermatology

Clito R. Damiani, M.D.
Basil C. Gray, M.D.
Margaret B. Hussey, M.D.
Charles S. Keuper, M.D.
John E. LeDonne, M.D.
Myron H. Matz, M.D.
Philip L. McCarthy, M.D.
Arthur S. Spangler, M.D.

Associate Biochemist

Irvin H. Blank, PH.D.

Associate Biologist

A. Gedeon Matoltsy, M.D.

NEUROLOGY

Chief of Service

Raymond D. Adams, M.D.

Neurologists

Madelaine R. Brown, M.D.
Edwin M. Cole, M.D.
Robert S. Schwab, M.D.

Associate Neurologist

C. Miller Fisher, M.D.

Assistant Neurologists

John A. Abbott, M.D.
Mandel E. Cohen, M.D.
Philip R. Dodge, M.D.
Vincent P. Perlo, M.D.
Huntington Porter, M.D.
Edward P. Richardson, Jr., M.D.
Maurice Victor, M.D.

Assistants in Neurology

Albert C. England, Jr., M.D.
Ruth E. Stauffer, M.D.
William H. Timberlake, M.D.
Karel van Syckel Toll, M.D.

Neurophysiologist

Mary A. B. Brazier, PH.D.

Associate Bacteriologist

Byron H. Waksman, M.D.

PSYCHIATRY

Chief of Service

Erich Lindemann, M.D., PH.D.

Consulting Visiting Psychiatrist

Carl A. L. Binger, M.D.

Psychiatrists

Paul M. Howard, M.D.
George Saslow, M.D.
Alfred H. Stanton, M.D.

Associate Psychiatrists

Herbert Barry, Jr., M.D.
Gaston E. Blom, M.D.
Alfred O. Ludwig, M.D.
Gardner C. Quarton, M.D.
Avery D. Weisman, M.D.
LeMoyne White, M.D.
Elizabeth R. Zetzel, M.D.

Assistant Psychiatrists

Morris H. Adler, M.D.
Clemens E. Benda, M.D.
Daniel C. Dawes, M.D.
Volta R. Hall, M.D.
Samuel Kaplan, M.D.
John H. Lamont, M.D.
Robert T. Long, M.D.
John C. Nemiah, M.D.
Peter E. Sifneos, M.D.
Jerome L. Weinberger, M.D.
Vernon P. Williams, M.D.

Assistants in Psychiatry

Frances J. Bonner, M.D.
Franklin Carter, M.D.
Morris E. Chafetz, M.D.
Abraham L. Finesinger, M.D.
Benjamin F. Gill, M.D.
Wallace F. Haley, Jr., M.D.
Richmond Holder, M.D.
Maria Lorenz, M.D.
Walter Mann, M.D.
I. Paley Rak, M.D.
Jackson M. Thomas, M.D.
Harold M. Wolman, M.D.

Associate Psychologists

Donald C. Klein, PH.D.
Joseph D. Matarazzo, M.D.
Lovick C. Miller, Jr., PH.D.
George A. Talland, PH.D.
John M. von Felsinger, PH.D.

Assistant Psychologist

Ruth G. Matarazzo, PH.D.

Associate Sociologist

A. Paul Hare, PH.D.

CHILDREN'S MEDICAL SERVICE

Chief of Service

Allan M. Butler, M.D.

Physicians to Children's Medical Service

Leo B. Burgin, M.D.
John A. V. Davies, M.D.
Ralph A. Ross, M.D.
Nathan B. Talbot, M.D.

Associate Physicians to Children's Medical Service

Frederic M. Blodgett, M.D.
T. Berry Brazelton, M.D.
John D. Crawford, M.D.
Ralph W. Daffinee, M.D.
Robert N. Ganz, M.D.
Arthur J. Linenthal, M.D.
Francis C. McDonald, M.D.
Gertrud C. Reyersbach, M.D.
Richard C. Tefft, Jr., M.D.
Louis Weinstein, M.D.

Assistant Physicians to Children's Medical Services

Albert Cohen, M.D.
William A. Dickson, M.D.
LeRoy L. Eldredge, Jr., M.D.
Gerald A. Kerrigan, M.D.
Alexander S. Nadas, M.D.
William Pfeffer, Jr., M.D.
Marion L. Slemons, M.D.
Wilhemina Van Dyke, M.D.
Eleonore C. Zaudy, M.D.

Assistants to Children's Medical Service

*Mary L. Bertucio, M.D.
John A. Duggan, M.D.
Lawrence J. Essember, M.D.
Thomas Frank, M.D.
Elizabeth G. French, M.D.
Joseph J. M. McGovern, M.D.
Thomas C. Peebles, M.D.
Murray E. Pendleton, M.D.
Robert T. Sceery, M.D.
Richard H. Watson, M.D.

*As of July 1, 1956

SURGICAL DIVISION

GENERAL SURGERY

Chief of Surgical Services

Edward D. Churchill, M.D.

Consulting Visiting Surgeons

Leland S. McKittrick, M.D.
Joe V. Meigs, M.D.

Visiting Surgeons

Marshall K. Bartlett, M.D.
Oliver Cope, M.D.
Robert R. Linton, M.D.
Horatio Rogers, M.D.
Richard H. Sweet, M.D.
Grantley W. Taylor, M.D.
Claude E. Welch, M.D.

Associate Visiting Surgeons

Bradford Cannon, M.D.
Gordon A. Donaldson, M.D.
Edward Hamlin, Jr., M.D.
*Francis M. Ingersoll, M.D.
J. Gordon Scannell, M.D.
*Fred A. Simmons, M.D.

Assistant Surgeons

Charles B. Burbank, M.D.
F. Thomas Gephart, M.D.
*John B. Graham, M.D.
*Ward I. Gregg, M.D.
*William V. McDermott, Jr., M.D.
John B. McKittrick, M.D.
George L. Nardi, M.D.
William R. Waddell, M.D.
Frank C. Wheelock, Jr., M.D.

Assistants in Surgery

Glenn E. Behringer, M.D.
Robert C. Coe, M.D.
*Thomas H. Green, Jr., M.D.
Hermes C. Grillo, M.D.
Charles G. Mixter, Jr., M.D.
William C. Quinby, Jr., M.D.
*George S. Richardson, M.D.
Grant V. Rodkey, M.D.
William P. Rogers, Jr., M.D.
Robert S. Shaw, M.D.
Earle W. Wilkins, Jr., M.D.

*Assigned to Gynecology

ANESTHESIA

Chief of Service
Henry K. Beecher, M.D.

Associate Anesthetists
Bernard D. Briggs, M.D. John P. Bunker, M.D.
Donald P. Todd, M.D.

Assistants in Anesthesia
Phillips Hallowell, M.D. Ruth C. Haynes, M.D.

ENDOSCOPY

Endoscopist
Edward B. Benedict, M.D.

GYNECOLOGY

Chief of Service
Howard Ulfelder, M.D.

Staff by assignment from General Surgery

NEUROSURGERY

Chief of Service
James C. White, M.D.

Associate Visiting Neurosurgeon
William H. Sweet, M.D.

Assistant Neurosurgeon
H. Thomas Ballantine, Jr., M.D.

Assistant in Neurosurgery
Louis Bakay, M.D.

Research Associates
Adelbert Ames, III, M.D. Edgar L. Gasteiger, Jr., M.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Visiting Orthopedic Surgeons
Otto E. Aufranc, M.D. Edwin F. Cave, M.D.
Paul L. Norton, M.D.

Assistant Orthopedic Surgeons
Thomas F. Broderick, Jr., M.D. Eugene E. Record, M.D.
Thornton Brown, M.D. John A. Reidy, M.D.
Robert J. Joplin, M.D. Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery

Thomas L. DeLorme, M.D.
William N. Jones, M.D.
John D. Leidholt, M.D.
J. Drennan Lowell, M.D.
William R. MacAusland, Jr., M.D.
Morten Smith-Petersen, M.D.

Podiatrist

John F. Kelly, D.S.C.

Assistant Podiatrist

John D. McLean, D.S.C.

UROLOGY

Chief of Service

Wyland F. Leadbetter, M.D.

Visiting Urologist

Sylvester B. Kelley, M.D.

Associate Visiting Urologist

Howard I. Suby, M.D.

Assistant Urologists

Walter C. Kerr, Jr., M.D.
Saul M. Marcus, M.D.
Victor A. Politano, M.D.
Lorande M. Woodruff, M.D.

Assistants in Urology

Joshua J. Hurwitz, M.D.
Harold A. Rudy, M.D.

OBSTETRICS

Associate Obstetricians

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
Samuel B. Kirkwood, M.D.
G. Douglas Krumbhaar, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.

Assistant Obstetricians

Daniel Abramson, M.D.
Christopher J. Duncan, M.D.
Luke Gillespie, M.D.
Richard H. Grogan, M.D.
Daniel H. Hindman, M.D.
Herbert T. Leighton, M.D.
George E. May, M.D.
Francis Rouillard, M.D.
Weston F. Sewall, M.D.
Bartlett H. Stone, M.D.
Charles L. Sullivan, M.D.
Benjamin Tenney, Jr., M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
Henry J. Carney, D.M.D.
George Christman, D.M.D.

Dental Surgeons

Peter A. Dempsey, D.M.D.
Walter C. Guralnick, D.M.D.
Owen W. Kite, D.D.S.
Glenn W. Lawrence, D.M.D.
Robert G. Rae, D.M.D.
Frank I. Rhodes, D.M.D.
Charles E. Rounds, D.M.D.
John C. Stanton, D.M.D.

Assistant Dental Surgeons

Harold A. Bratt, D.M.D.
William L. Cosgrove, D.M.D.
Charles W. Crowley, D.M.D.
Herman DeWilde, D.M.D.
Charles H. Endee, D.M.D.
Frederick J. Feeney, D.M.D.
Burton J. Gove, D.M.D.
Gilman W. Haven, D.D.S.
Henry D. Howe, D.M.D.
Julius J. Levitan, D.M.D.
Robert C. Lincoln, D.M.D.
Richard L. Miner, D.D.S.
George M. Noss, D.M.D.
Morton J. Olin, D.M.D.
Symon C. Polansky, D.M.D.
Frederick K. Poulin, D.M.D.
Keith A. Shangraw, D.M.D.
George H. Sweetnam, D.M.D.
Earl J. Waddington, D.M.D.
R. Ronald Wyman, D.M.D.

DEPARTMENTS

PATHOLOGY

Chief of Department

Benjamin Castleman, M.D.

Assistant Pathologists

Anthony C. Allison, M.D.
Winfield S. Morgan, M.D.
Robert E. Scully, M.D.
Edgar B. Taft, M.D.
Austin L. Vickery, Jr., M.D.

Associate Visiting Pathologist

Ronald C. Sniffen, M.D.

Assistants in Pathology

Richard B. Cohen, M.D.
Agnes Burt Russfield, M.D.
David Spiro, M.D.

Neuropathologist

Raymond D. Adams, M.D.

Assistant Neuropathologist

Edward P. Richardson, Jr., M.D.

Clinical Cytologist

Ruth M. Graham, B.S.

Consultants in Forensic Pathology

William J. Brickley, M.D.
Michael A. Luongo, M.D.

BACTERIOLOGY

Assistant Bacteriologist

Lawrence J. Kunz, PH.D.

Consulting Bacteriologist

Louis Dienes, M.D.

RESEARCH CHEMISTRY

Biochemist

Fritz Lipmann, M.D.

Associate Biochemists

John D. Gregory, PH.D.
Mary Ellen Jones, PH.D.

RADIOLOGY

Chief of Department
Laurence L. Robbins, M.D.

Radiologists
Milford D. Schulz, M.D. Stanley M. Wyman, M.D.

Associate Radiologist
Joseph Hanelin, M.D.

Assistant Radiologists
John D. Reeves, M.D. Paul M. G. St. Aubin, M.D.
Richard V. Wilson, M.D.

Engineer
Oliver E. Merrill, B.E.E.

Physicist
Edward W. Webster, PH.D.

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultant in Contagious Diseases
Edwin H. Place, M.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.

Consultant in Surgery
Augustus Thorndike, M.D.

Consultants in Medicine
Benjamin G. Ferris, M.D. Conrad Wesselhoeft, M.D.

Consultants to Children's Medical Service

William Berenberg, M.D.
Louis K. Diamond, M.D.
Stewart H. Clifford, M.D.
Clement A. Smith, M.D.

Consultant in Neurosurgery

Oscar Hirsch, M.D.

Consultants in Physics

Robley D. Evans, PH.D.
John G. Trump, D.SC.

Consultant in Neurophysiology

Alexander Forbes, M.D.

ASSOCIATE STAFF

Clinical Associates in Medicine

John R. Graham, M.D.
Henry D. Stebbins, M.D.
David Littmann, M.D.
Frederic Tudor, M.D.
Sylvester McGinn, M.D.
Arthur A. Wills, Jr., M.D.

Clinical Associates in Dermatology

Alan P. Freedberg, M.D.
John L. Fromer, M.D.
James F. Patterson, M.D.

Clinical Associate in Neurology

Jerome K. Merlis, M.D.

Clinical Associates in Children's Medicine

Doris R. Bennett, M.D.
William F. Ketchum, M.D.
Edward C. Dyer, M.D.
Joseph L. Lewis, M.D.
John G. Flynn, M.D.
James A. O'Shea, M.D.
G. Lynde Gately, M.D.
Walter Pick, M.D.
Theodore S. Golden, M.D.
Robert F. Wilson, M.D.

Clinical Associates in Psychiatry

Elliott H. Sweetser, M.D.
Lionelle D. Wells, M.D.

Clinical Associates in Surgery

Donald V. Baker, Jr., M.D.
Carroll C. Miller, M.D.
Chester J. Dexter, M.D.
Joseph E. Murray, M.D.
George F. Emerson, M.D.
Spiros P. Sarris, M.D.
Gerald G. Garcelon, M.D.
James M. Shannon, M.D.
Walter E. Garrey, M.D.
Lamar Soutter, M.D.
Irad B. Hardy, Jr., M.D.
George S. Speare, M.D.
Joseph A. Holmes, M.D.
John W. Spellman, M.D.
Roy E. Mabrey, M.D.
Richard H. Thompson, M.D.
George A. Marks, M.D.
Richard H. Wallace, M.D.
Richard C. Webster, M.D.

Clinical Associates in Anesthesia

Ernest A. Sneddon, M.D.

Clinical Associates in Neurosurgery

Hannibal Hamlin, M.D.
Jost J. Michelsen, M.D.
Samuel Lowis, M.D.
Bertram Selverstone, M.D.

Clinical Associate in Urology
Emil J. Ganem, M.D.

Clinical Associates in Radiology
H. Peter Mueller, M.D. Richard Schatzki, M.D.
*Robert G. Vance, M.D.

Clinical Associates in Orthopedic Surgery
Williams Cochran, M.D. Louis Nathan, M.D.

Clinical Associates in Dentistry
Merton W. Foss, D.M.D. Howard C. Reith, D.M.D.
Daniel J. Holland, Jr., D.M.D. Edward L. Sleeper, D.D.S.
Ralph D. Thompson, D.M.D.

CLINICAL ASSISTANTS

Medicine
Walter H. Caskey, M.D. Louis Kunian, M.D.
Leo J. Cass, M.D. Edward S. Rendall, M.D.
Winnifred P. Chase, M.D. Guillermo C. Sanchez, M.D.
William B. Clapp, M.D. Raymond J. Savignac, M.D.
Albert I. C. DeFriez, M.D. John H. Sisson, M.D.
Thomas C. Hall, M.D. Edward J. Welch, M.D.
Irving H. Itkin, M.D. Bryan Williams, Jr., M.D.
Gordon DuF. Winchell, M.D.

Dermatology
Lester J. Bienvenu, M.D. John J. D'Urso, M.D.

Psychiatry
Paul L. Dunstan, M.D. Francis L.A. de Marneffe, M.B., B.S.

Children's Medicine
Richard B. Kearsley, M.D.—July 1

Surgery
Benjamin A. Barnes, M.D. Charles V. Menendez, M.D.
James M. Doonan, M.D. Raymond E. Militzer, M.D.
Frank W. Garran, Jr., M.D. Albert S. Murphy, M.D.
Eugene Guralnick, M.D. William J. Porell, M.D.
Knowles B. Lawrence, M.D. Aram Roopenian, M.D.
Theodore M. Leary, M.D. John L. Rowbotham, M.D.
Clarke Staples, M.D.

Orthopedic Surgery
Verner S. Johnson, M.D.

Neurosurgery
Bernard B. Stone, M.D.

Radiology
Martin B. Levene, M.D. Anne R. O'Donnell, M.D.

*Through 6.30.56

HOUSE STAFF

Residents and Interns

As of January 1, 1956, with subsequent appointments

Medicine

Chief Resident:

Lloyd Hollingsworth Smith, Jr., M.D.

Residents:

Lamont W. Gaston, M.D.
John H. Knowles, M.D.
Lot B. Page, M.D.
William L. Morgan, Jr., M.D.—July 1
Madan Mohan Singh, M.D.
W. Pierce Smith, M.D.
William A. Tisdale, M.D.
John C. Rowe, M.D.—July 1

Assistant Residents:

David W. Allen, M.D.
Frank K. Austen, M.D.
Robert B. Giles, Jr., M.D.
Jan Koch-Weser, M.D.
William E. Lassiter, M.D.
Donald B. Martin, M.D.
Russell E. Randall, Jr., M.D.
Gerold L. Schiebler, M.D.
Katharine E. Spreng, M.D.
Oscar E. Starobin, M.D.
Pindaros R. Vagelos, M.D.
Ralph C. Williams, Jr., M.D.
Richard M. Barry, M.D.—July 1
Carl N. Brownsberger, M.D.—July 1
Lester H. Grant, M.D.—July 1
John A. Mills, M.D.—July 1
Arthur A. Sasahara, M.D.—July 1

Interns:

A. Robert Arnstein, M.D.
Stephen P. Clement, Jr., M.D.
John R. David, M.D.
Roman W. DeSanctis, M.D.
Leonard J. Friedman, M.D.
Thomas G. Gabuzda, M.D.
John F. Heggie, M.D.
Charles S. Keevil, Jr., M.D.
John E. Mack, M.D.
John T. Monroe, Jr., M.D.
Mitchell T. Rabkin, M.D.
Ellis L. Rolett, M.D.
Allan I. Sandler, M.D.
Charles P. Summerall, III, M.D.
Thomas A. Waldmann, M.D.
James T. Wheeler, M.D.

Dermatology

Resident:

Alexander B. Timm, Jr., M.D.

Assistant Residents:

Joseph Albert, M.D.
Ruth K. Freinkel, M.D.
Vasilios G. Letsou, M.D.
Albert L. Rosenthal, M.D.

Neurology

Resident:

Henry deF. Webster, M.D.

Assistant Residents:

Miriam W. Carmichael, M.D.
Wayne M. Hebertson, M.D.
Richard L. Sidman, M.D.
Raymond L. Robillard, M.D.—July 1
Richard F. Mayer, M.D.—July 1

Psychiatry

Resident:

Philip H. Leiderman, M.D.—July 1

Assistant Residents:

Herbert S. Cline, M.D.
Martin R. Coles, M.D.
Stephen L. Washburn, M.D.
Jack H. Mendelson, M.D.—July 1

Children's Medicine

Chief Residents:

Richard B. Kearsley, M.D.
Thomas J. Whitfield, 3d, M.D.—July 1

Resident:

Joan Kanzanjian, M.D.

Assistant Residents:

Robert D. Breer, M.D.
William R. Buchanan, Jr., M.D.
John H. Dwyer, M.D.
Kazuo K. Kimura, M.D.
Barbara M. Orski, M.D.
Leonard H. Plotkin, M.D.
Robert H. Richie, Jr., M.D.
John S. Robey, M.D.
Sylvia A. Davies, M.D.—July 1
Jan-Henrik Probst, M.D.—July 1
David B. Shurtleff, M.D.—July 1
Paul M. Veazey, M.D.—July 1

Interns:

Vassilike A.-C. Forbes, M.D.
David B. Shurtleff, M.D.
Paul M. Veazey, M.D.
Dorothy B. Villee, M.D.

Surgery

Residents:

Richard C. Austin, M.D.
Paul S. Russell, Jr., M.D.

First Assistant Residents:

John F. Burke, M.D.
Edward Dunn, M.D.
Walter M. Haynes, Jr., M.D.
Clement A. Hiebert, M.D.
Richard N. Kleaveland, M.D.
John D. Pitts, M.D.
Robb H. Rutledge, M.D.
Frederick G. Shaffer, M.D.
Jack E. Tetirick, M.D.

Second Assistant Residents:

Richard R. Curtin, M.D.
Ralph C. Darling, Jr., M.D.
Harry B. Ditmore, Jr., M.D.
John M. Head, M.D.
Benjamin B. Jackson, M.D.
John A. Malcolm, M.D.
Harold L. May, M.D.
George B. Murphy, Jr., M.D.
Judson G. Randolph, M.D.
Jens G. Rosenkrantz, M.D.
Giles D. Toll, M.D.

Third Assistant Residents:

Arthur E. Baue, M.D.
David L. Collins, Jr., M.D.
Oscar S. DePriest, III, M.D.
Gilbert Hermann, M.D.
Walter E. Klingensmith, M.D.
Eugene R. Nobles, Jr., M.D.
Stuart E. Price, Jr., M.D.
Farrokh Saidi, M.D.

Interns:

William G. Austen, M.D.
A. Erik Gundersen, M.D.
Stephen E. Hedberg, M.D.
Ronald A. Malt, M.D.
Charles F. McKhann, III, M.D.
Quentin R. Stiles, M.D.
Harold C. Urschel, M.D.
Clarence G. Wheeler, M.D.

Neurosurgery

Resident:

Herbert B. Locksley, M.D.

Assistant Residents:

Raymond N. Kjellberg, M.D.
Alfred J. Luessenhop, M.D.
Richard L. Rovit, M.D.
Dagoberto Sosa, M.D.

Anesthesia

Resident:

Norman W. Andrew, M.D.

Assistant Residents:

H. Arto Aprahamian, M.D.
Susanne J. Lamdin, M.D.
Frederick S. McAlpine, M.D.
Donald P. Pederson, M.D.
Geraldine M. Peiffer, M.D.
Arthur H. Thayer, M.D.
Louis L. Weiss, M.D.
Chung Hyun Cho, M.D.—July 1

Orthopedics

Resident:

Melvin J. Glimcher, M.D.

Assistant Residents:

Tucker A. Barth, M.D.
Howard S. Cameron, M.D.
Robert C. Detwiler, M.D.
James F. Donovan, M.D.
Robert P. Fornshell, M.D.
Thomas C. Leinbach, M.D.
Richard A. Mayo, M.D.
Douglas G. Tompkins, M.D.
—July 1

Urology

Resident:

Demetrios A. Papadopoulos, M.D.

Assistant Residents:

Edward C. Parkhurst, M.D.
Hermann K. Schueler, M.D.
Guy W. Leadbetter, Jr., M.D.—July 1

Pathology

Residents:

Benjamin D. Canlas, Jr., M.D.
Raymond A. Justi, M.D.
Si-Chun Ming, M.D.

Assistant Residents:

Alexander Breslow, M.D.
G. Richard Dickersin, M.D.
Walter B. King, Jr., M.D.
Allan B. McNie, M.D.
David B. Murray, M.D.
Richard J. Stenger, M.D.
Anne G. T. Thomas, M.D.
William M. Thurlbeck, M.D.
Reynout Donner, M.D.—July 1
Robert S. Harper, M.D.—July 1
Elliott L. Mancall, M.D.—July 1
Theodore van Ravenswaay, M.D.
—July 1

Intern:

Sumner I. Zacks, M.D.

Neuropathology

Assistant Residents:

Francoise J. Robert, M.D.
Elliott L. Mancall, M.D.—July 1

Radiology

Residents:

Justin R. Hüppe, M.D.
James A. Petersen, M.D.
Fleming McConnell, M.D.

Assistant Residents:

Roy J. Barry, M.D.
William R. Blade, M.D.
Majic S. Potsaid, M.D.
Robert S. Richards, M.D.

Dental

Assistant Resident:

Norman Trieger, D.M.D.

Interns:

Kenneth E. Liffmann, D.M.D.
Joseph M. Stolman, D.M.D.

CLINICAL AND RESEARCH FELLOWS

Medicine

Mary D. Albert, PH.D.
Daniel M. Bachman, M.D.
Peter R. Bally, M.D.
William H. Batchelor, M.D.
William L. Bencze, M.D.
John L. Decker, M.D.
John Denovian, M.D.
Elias C. Dow, M.D.
Joseph I. Engler, M.D.
John W. Littlefield, M.D.
William B. Looney, M.D.
Alden V. Loud
George Martz, M.D.
John F. McGinty, M.D.
Roger A. Melick, M.D.
Renee G. Naves, PH.D.
Robert L. Nielsen, M.D.
Maurice M. Pechet, M.D.
Sholem Postel, M.D.
David W. Richards, M.D.
Betty S. Roof, M.D.
John C. Rowe, M.D.
Kenneth J. Ryan, M.D.
Munir H. Shamma'a, M.D.
William R. Shanahan, M.D.
John T. Sharp, M.D.
John B. Vander, M.D.
Lawrence H. Warbasse, Jr., M.D.
John R. Ward, M.D.
Donald F. Williams, M.D.

Dermatology

Philip W. Baker, M.D.
Nicholas J. Fiumara, M.D.
Raymond D. Manchester, M.D.
Sabino J. Sinesi, M.D.

Psychiatry

Robert S. Adams, M.D.
Norman R. Bernstein, M.D.
Ruth B. Beuscher, M.D.
Jimmie C. Brockman, M.D.
William M. Crowell, M.D.
Gerald E. Davidson, M.D.
William E. Fitzgerald, B.S.
Elizabeth Gellert, M.A.
Thomas P. Hackett, M.D.
William H. Horwitz, M.D.
Theodore O. Macklin, A.B.
Ruth G. Matarazzo, PH.B.
Audrey S. Mishler, B.S.
George E. Murphy, M.D.
Arthur Z. Mutter, M.D.
Richard R. Peebles, M.A.
Jeanne S. Phillips, PH.D.
Thomas F.A. Plaut, M.A.
Hsien Rin, M.D.
Nancy Rollins, M.D.
Ann Ross, A.B.
Ann D. Salomon, PH.D.
Gene M. Smith, PH.D.
Ingrid Sondergaard, M.D.

Burton Stulberg, M.D.
Leonard Weiner, M.D.
Ruth S. Weiss, M.D.
Babette S. Whipple, PH.D.
Martha S. White, PH.D.

Children's Medical Service

Donald A. Hillman, M.D.
Olcay R. Neyzi, M.D.
Claude E. Raynaud, M.D.
Herman W. Spater, M.D.

Physical Medicine

Murray M. Freed, M.D.
Oswald D. Cinquegrana, M.D.
Sung Jui Liao, M.D.
John J. Lorentz, M.D.
Arthur H. Shears, M.D.

Neurology

John S. Barlow, M.D.
Salomon Hakim, M.D.
Norman L. Paul, M.D.
Mary L. Scholl, M.D.

Surgery

Arthur J. Barker, M.D.
Rafael M. Casas, M.D.
Noemi Della Bella, M.D.
Toshio Inahara, M.D.
Hugo M. Palazzi, M.D.
Richard M. Thors, M.D.
Winifred Wei Liu, M.D.
Anne Wight, M.D.

Neurosurgery

Howard J. Bagnall, M.D.
Theodor F. Hueter, PH.D.
John D. McQueen, M.D.
John Mealey, Jr., M.D.
John A. Scholl, M.D.

Anesthesia

Aileen K. Adams, M.D.
James E. Anliker, PH.D.
Henrik H. Bendixen, M.D.
William R. Brewster, Jr., M.D.
Adolfo C. Coussirat, M.D.
Ernesto D'Agostino, M.D.
Leon Goldberg, M.D.
Joachim S. Gravenstein, M.D.
Dorothy H. Henneman, M.D.
Spyros G. Macris, M.D.
Gene M. Smith, PH.D.
Toivo H. Suutarinen, M.D.
James L. Vanderveen, M.D.
Thorkild Waino-Andersen, M.D.

Orthopedics

John D. States, M.D.

Pathology

Leonard Atkins, M.D.
James C. Davis, M.D.
Dean L. Moyer, M.D.

Neuropathology

Pierre M. Dreyfus, M.D.
Cesare T. Lombroso, M.D.

Radiology

John L. Cain, M.D.
Kiyokazu J. Momose, M.D.
Richard G. O'Brien, M.D.

Biochemistry

Robert Crokaert, D.SC.
Earl W. Davie, PH.D.
William P. Jencks, M.D.
Jacob D. Judah, M.D.
Heinz Kohler, PH.D.
Victor V. Koningsberger, PH.D.
Stuart H. Mudd, M.D.
Werner Ritschaard, PH.D.
Phillips W. Robbins, PH.D.

Physics

Saul Aronow, PH.D.

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 190.

The Ophthalmological and Otolaryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE AND EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology

Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology

Frederick H. Verhoeff, M.D.

Surgeons in Ophthalmology

Paul A. Chandler, M.D.
William P. Beetham, M.D.
Virgil G. Casten, M.D.

Associate Surgeon in Ophthalmology

Hugh C. Donahue, M.D.

Assistant Surgeons in Ophthalmology

Albert E. Sloane, M.D.
Edward E. Covitz, M.D.
Paul G. Haire, M.D.
Garrett L. Sullivan, M.D.
S. Forrest Martin, M.D.
Thomas Cavanaugh, M.D.
Earl S. Seale, M.D.
A. William Collinson, M.D.
Carl C. Johnson, M.D.
Abraham Pollen, M.D.
Sumner D. Liebman, M.D.
Harry E. Braconier, M.D.
Charles L. Schepens, M.D.
Henry A. Mosher, M.D.
Karl Riemer, M.D.
W. Morton Grant, M.D.
Charles H. MacLaughlin, M.D.
Francis J. West, M.D.
Joseph M. Clough, M.D.
Henry F. Allen, M.D.

Assistants in Ophthalmology

D. Robert Alpert, M.D.
Peter Beck, M.D.
Frederic B. Breed, M.D.
Robert J. Brockhurst, M.D.
S. James Bullington, M.D.
Richard B. Chapman, M.D.
Julian F. Chisholm, Jr., M.D.
Thomas P. Cronin, M.D.
David D. Donaldson, M.D.
Knud K. Dreisler, M.D.
Edwin B. Goodall, M.D.
Warren D. Haley, M.D.
Linley C. Happ, M.D.
Robert J. Herm, M.D.
John M. Hill, M.D.
Joseph J. LoPresti, M.D.
Irwin T. Mancall, M.D.
D. Franklin Milam, Jr., M.D.
Arthur M. Morrissey, M.D.
Bertha Offenbach, M.D.
Ichiro D. Okamura, M.D.
Irving L. Pavlo, M.D.

Richard B. Pippitt, M.D.
Charles D. J. Regan, M.D.
Paul M. Runge, M.D.
Alfred W. Scott, M.D.
David H. Scott, M.D.
Taylor R. Smith, M.D.
William Stone, Jr., M.D.
Robert R. Trotter, M.D.
Bernard H. Zeavin, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Chief of Otology and Laryngology
LeRoy A. Schall, M.D.

Surgeons in Otolaryngology
Francis L. Weille, M.D.
Philip E. Meltzer, M.D.
Maurice G. Evans, M.D.
Vincent J. Kelley, M.D.
Charles H. Allman, M.D.
Walter J. E. Carroll, M.D.

Associate Surgeons in Otolaryngology
John R. Frazee, M.D.
Joseph Lentine, M.D.
Burton E. Lovesey, M.D.
J. Charles Drooker, M.D.
Herman J. Sternstein, M.D.
Donald K. Lewis, M.D.
Daniel Miller, M.D.
John E. McKeigue, M.D.

Assistant Surgeons in Otolaryngology
Elizabeth DeBlois, M.D.
Calvin M. Cerrato, M.D.
Frank R. Shlossberg, M.D.
Bernard Zonderman, M.D.
Charles Kent, M.D.
Edward F. Lawlor, M.D.
Maurice Ruben, M.D.
Kenneth A. Kazanjian, M.D.
George F. Reed, M.D.

Assistant Surgeon for Plastic Operations
Aram Roopenian, M.D.

Assistants in Otolaryngology
Hugo D. Angelini, M.D.
Lawrence S. Hirsch, M.D.
Frederic J. McIntire, Jr., M.D.
William P. Rogers, Jr., M.D.
Morris Swartz, M.D.
Richard C. Webster, M.D.
Anthony Zovickian, M.D.
William W. Montgomery, M.D.

One Hundred Forty-Second Report of the Trustees

THE polio epidemic of 1955 created the greatest single impact on the Hospital for the year. All facilities for the care of these patients in the greater Boston area rapidly became filled to capacity. That the Massachusetts General Hospital must accept and care for this unanticipated load of especially ill citizens of the State became immediately obvious. Whole floors in the Baker and White buildings were made available and a portion of the Burnham was set apart for this service. The Medical, Neurological, Anesthesia, and Physiotherapy departments organized a polio team to effectively treat these patients. The nursing personnel, augmented by every available special duty nurse, gave unstinted time and care in this emergency. A total of 428 patients were admitted with polio in some form. There were an unusual number of these who required respirators, and to care for this group the whole of White 9 was re-equipped for this specific purpose. At this writing (January 1, 1956) about 30 of these patients still remain with us. The Trustees are greatly indebted to the Administration, the staff of doctors and nurses, the maintenance department, and to all volunteers for their great sacrifices, and for their efficiency in handling this emergency. The Board of Health and the National Polio Foundation were most cooperative. The large number of victims who owe their lives and regained health to this effort by the Hospital as a whole is of great satisfaction.

Fifty years ago the late Dr. Richard C. Cabot with the help of Miss Ida Cannon began a form of patient and family aid, known as social service. This grew and developed rapidly and has become one of the most important departments of the Hospital. Under the chairmanship of Dr. James Howard Means with the aid of Miss Josephine C. Barbour, the present efficient Chief of Social Service, a very impressive and successful half-century celebration was held on October 20, 21, and 22, 1955. So popular has social service become throughout the world that there is now a greater demand for trained workers

than can be supplied. Our own department at this time is short four on its staff. This hampers the effectiveness of this essential service and delays the accomplishment of new approaches to this problem. We particularly wish to officially offer our thanks and congratulations to Miss Cannon fo her life-long devotion to the Hospital and her great contribution to the welfare of its patients and their families.

The Joe Vincent Meigs Professorship of Gynecology has been authorized by the Harvard Medical School in conjunction with the Vincent Memorial and the Massachusetts General Hospital. This is a particularly fitting tribute to Dr. Meigs, coming in the year of his resignation as Chief of the Department of Gynecology. Funds for the establishment of this important professorship are now being raised. Dr. Meigs has been appointed as Consulting Surgeon. His great contributions in his field of endeavor have been of outstanding credit to the Hospital.

Under the Department of Psychiatry, a new mental health service has been established. That this is an important step for the Hospital can be easily understood. There can be little doubt of the need of such a service and its impact on the community is assured.

Medical technicians are essential in all hospitals. Recent legislation requires a certain standard for these laboratory workers. The demand for qualified people in this department is greater than the source of supply. It is pleasing to report that there is now being established a joint program between Simmons College and this Hospital to improve this situation.

In the past, it has been the custom to pension long-term employees at the time of their retirement. This has been reasonably satisfactory, both to the Hospital and to its personnel. There is now a trend throughout the country in industry particularly to establish a definite plan of pensions for employees. Voluntary charitable institutions must meet plans because of the competitive market. Effective September 5, 1955, our own pension plan for all hospital employees was established. The details covering this type of program required over two years of study and deliberation.

Due again to the trend of the times, it was felt wise to take

out an insurance policy on malpractice for the interns and residents. This is a protection for the young doctor in training, and for the Hospital. Our experience in the past has been excellent, but it is believed that this step will boost the morale of these trainees.

Higher cost of living and the shortage of nurses has made it necessary to increase the salaries of trained and practical nurses. The patient load has been maintained at such an unprecedented high level that patient care must suffer if more nurses are not attracted to this Hospital. It is unfortunate to have closed beds in the institution when there is a demand by the public to use them. Whether the increased wage scale will have the desired effect remains to be seen. It is important to realize that the type of work in our Hospital is often more demanding of the nurses than in many other hospitals. Furthermore, our wage scale has long been below that of the Federal hospitals, as well as in voluntary hospitals in many other locales.

The Family Health Program, now in operation for over a year, is apparently a successful experiment. The medical students who apply and select this voluntary assignment like the contact with the family. Without them, these families would have no family doctor.

The Ambulatory Clinic is gradually extending to the public a more satisfactory service. The appointment system has been a great step forward. Routine complete examinations are being made to groups of employees of industrial units. When the new proposed Ambulatory Clinic building can be made available there will be an opportunity to expand this service tremendously. Individuals as well as groups can have careful periodic check-ups in a modern scientific manner. Thus, serious disease may be diagnosed at an earlier and more curable stage. Since this new building has been rated as first priority, it is anticipated that work may be started without undue delay.

The Staff Associates have progressed with steadiness, albeit slowly. It appears that a real concrete beginning may be made as soon as space is made available in the now nearly completed Medical Science Building. Six floors were added to this building with the purpose in mind to give office space to approximately sixty staff doctors. The advantages of the close proxim-

ity of office and hospital beds were brought out in last year's report. It seems justifiable to prophesy that this will prove so valuable to the staff and to the Hospital that a more complete office building will soon be found to be essential. The office space now made available can easily be converted into private patient rooms when and if needed for that purpose.

The new building is now completed as far as the shell is concerned. The building committee and the architects were wisely farsighted when the foundations were laid strong enough to add the additional floors not originally planned. Joining the Baker Memorial building as it does created a loss of about thirty beds for patients. This will be compensated for by closing in the porches, and equipping this space for patients. A twelfth floor is being added to the Baker at the same level as the top floor of the new building. Since these will be glass-enclosed, it appears that it should become the most desirable space for patients in the entire Hospital.

Great improvement in the wards of the White building has been accomplished by partial partitions, making these into four-bed units. This allows greater privacy for the patient and better flexibility of use.

The blood bank has long since outgrown its second quarters. Renovation of adjoining store-room space is under way and will create a much needed improvement in this unit.

Classrooms for the Nursing School have been created by renovations in the Domestic Building.

Resignations have been accepted from Dr. Joe Vincent Meigs, Chief of Gynecology; Dr. Lucie Jessner, Psychiatrist; and Dr. John F. Gibbons, Radiologist. The age of retirement from the active teaching service applies to some of these doctors and others have accepted appointments elsewhere. To all of these staff members, we express our gratitude for their services and wish them well in their new assignments.

The resignation of Mr. Reginald Gray, who was the efficient Secretary of the Corporation for twenty-five years, was accepted with deep regret. A suitably inscribed silver bowl was presented to him by the Trustees. He will always remain in great esteem by those who served with him.

The following appointments and elections were made: Mr. Phillips Ketchum, President of the Corporation; Mr. Francis C. Gray, Vice-President; Mr. Philip Theopold, Trustee; Mr. Elliot Lee Richardson, Secretary of the Corporation.

Other appointments included Dr. Howard Ulfelder, Chief of Gynecology; Dr. George Saslow, Psychiatrist; Dr. Victor Politano, Assistant Urologist; Dr. Duncan Reid, Board of Consultation; Dr. Anthony C. Allison, Assistant Physician and Assistant Pathologist; and Dr. Paul Hare, Associate Sociologist in the Department of Psychiatry.

Leave of absence was granted to Dr. John B. Stanbury, Assistant Physician, for six months of study and research in the Institute of Endocrinology in Leiden. Also, Dr. Edward P. Richardson Jr., Assistant Neurologist and Neuropathologist, was granted six months' leave of absence for study in the neuroanatomical and neuropathological laboratories of the University of Geissen.

We regret to report the following deaths:

Mr. John R. Macomber died on May 11. He served as Trustee from 1919 until his death, with the exception of a two-year period between 1932 and 1934, while he resided in New York. In 1944, he was elected President of the Corporation, and served in this capacity with graciousness and distinction.

Dr. Robert M. Green died on May 29. He was a Consultant in Anatomy. A graduate of the South Surgical Service in 1907, he served as Assistant Obstetrician from 1929 to 1942.

Mr. Charles H. W. Foster died on September 22 in his ninety-seventh year. He was appointed a Trustee in 1902 and served as Secretary of the Corporation from 1903-08, and as Treasurer from 1908-28. He continued to be an interested member of the Corporation until his death.

Dr. Leon Resnick died on October 14. He was a former Assistant Resident in Dermatology and was appointed Assistant Dermatologist in 1954.

ARTHUR W. ALLEN, M.D.
HENRY R. GUILD
For the Trustees

Report of the General Director

To the Trustees of The Massachusetts General Hospital:

IT is an honor to submit herewith the report for 1955, my seventh as General Director.

Certainly the single most critical event of the year for the Hospital was the disastrous epidemic of poliomyelitis. The care of the 376 adults and 52 children admitted to the Massachusetts General Hospital with this disease taxed our facilities to the utmost. Particularly difficult was the management of the 73 adults and 8 children who were at one time or another in respirators. There were 27 deaths, all among adults. It is impossible to express adequately our appreciation to every one associated with the Hospital for the tireless efforts made to cope with this situation, either in direct care of the polio patients or in performing extra tasks in their regular assignments to permit others to free themselves to serve on the polio floors. It was truly inspiring to see how the entire institution rose to the occasion and met this emergency with skill, patience, sympathy, and effectiveness.

The serious problems of long-term care, both for those 30 patients who still require respiratory aid of some kind and may have to remain in the Hospital for many months to come and for the hundreds who must for a long time return regularly to the Clinics for rehabilitation, are still before us. Dr. Thomas L. DeLorme has accepted the difficult assignment of supervising all of the after-care for polio patients. He is exceedingly well qualified for this task and will have everyone's support in carrying it out.

Quite recently I was asked by the Chairman of the Board of Trustees of a prominent teaching hospital in another city, "What single factor do you think has been most important in making the Massachusetts General Hospital the dynamic, vitally active, enthusiastic institution that it is today?" Fortunately, the answer is easy and I could give it at once: "The Harvard Medical School."

This incident and two others which occurred during the year made me feel that it might be appropriate to discuss the educational functions of this Hospital in this annual report. The other incidents were two occasions when it was necessary, in order to obtain certain contractual or financial advantages, to demonstrate that the Hospital is an educational institution. (Incidentally, the same thing had to be proved to a United States consul a few years ago when one of our foreign-born residents was seeking an entrance visa. He got it and is now a respected member of our active staff.)

The history of The Massachusetts General Hospital as an educational institution goes back to its earliest origin. The famous open letter written in 1810 by Drs. Jackson and Warren, both professors at the Harvard Medical School, soliciting funds to found the Hospital, says in part:

> ". . . advantage that would attend the establishment of a hospital in this place. These are the facilities for acquiring knowledge which it would give to the students in the medical school established in this town. The means of medical education in New England are at present very limited, and totally inadequate to so important a purpose. . . . Those who are educated in New England have so few opportunities of attending to the practice of physic, they find it impossible to learn some of the most important elements of the science of medicine.
>
> "To remedy evils so important and so extensive, it is necessary to have a medical school in New England. . . .
>
> "A hospital is a situation absolutely essential to a medical school. . . ."

Furthermore, in the report of the Legislative Committee of Both Houses, which in 1810 recommended that the Hospital be chartered by the Commonwealth, appears the following passage:

> "The immense benefits to be derived from a general hospital *as a school* (emphasis supplied) for improvement in surgery and physic are too obvious to require illustration. . . . The location of the proposed hospital is intended to be such as will accommodate students in the metropolis."

Thus, there is no doubt of the intention of the Founders that the Hospital be a center for education and, mainly by reason of its long and fruitful association with Harvard, it has been one since its opening day. Indeed, its educational functions are now so numerous and varied that I dare say there

are many people closely associated with the Hospital who have not heard of them all.

Of course, the educational function of longest standing is the Hospital's part in teaching clinical subjects to Harvard's undergraduate medical students. Virtually every member of our active staff has an appointment on the Harvard Medical Faculty and every Service is headed by either an Associate Professor or a full Professor of that Faculty. A few, particularly in research positions, have appointments on the Massachusetts Institute of Technology Faculty and one or two on the Tufts University Medical Faculty. (At one time the Hospital served as a principal center for clinical teaching at Tufts as well as Harvard.) A number of members of the Board of Consultation, Associate Staff, and Courtesy staff have faculty appointments at Boston University School of Medicine or at Tufts.

This Hospital and our neighbor, the Massachusetts Eye and Ear Infirmary, are together responsible for almost half of the clinical teaching at Harvard. Throughout the academic year — and much of the summer also — there are, on the average, 100 Harvard medical students studying in the two hospitals. This, incidentally, constitutes a student body larger than an entire class at Johns Hopkins, Yale, Virginia, Stanford, and Rochester medical schools, for example.

Clinical medicine is taught here to many besides undergraduate medical students. At any given moment, the Hospital is also responsible for the education of some 125 Interns and Residents in all areas of clinical medicine (except Obstetrics) and in hospital administration. Present also are usually some 100 Clinical Fellows who have come to us from every State in the Union and from at least 50 foreign countries. Then there are numerous formal postgraduate courses ranging in length from a one week review of the treatment of fractures to a year-long course in cardiology, and in size from 12 students (cardiology) to 50 (pediatrics, internal medicine, gynecology). Many of these courses come under the auspices of the Harvard Medical School's Courses for Graduates. Some few are carried by the Hospital independently.

Finally, in the Hospital's research laboratories, working under the supervision of one or another of our medical scientists,

there are usually four or five postdoctoral Fellows and two or three students working for the Ph.D. degree from either Harvard or M.I.T.

All in all, it is a fair estimate that most of our medical staff spend at least one-third of their professional time and energy in educational pursuits.

The Hospital's educational activities are not limited to the teaching of medicine — far from it. Probably its next best known teaching program is in nursing. The School of Nursing is responsible for teaching five separate groups of nursing students. First, there is the three-year diploma program, with some 130 students in each class, which may be entered directly after graduation from high school. This program, which was founded in 1873, has distinguished graduates in positions of leadership all over this country and in many places abroad.

Then, there are two nursing programs for college students. Our School provides clinical instruction for the nursing students at Simmons College, about 30 in the class, leading to a Simmons degree of B.S. in Nursing. It also provides instruction for nursing students in the Radcliffe College-Massachusetts General Hospital Coordinated Program under which about five to eight Radcliffe students a year (some 24 in all at any one time) receive first their A.B. degrees at Radcliffe and two years later their M.G.H. nursing diplomas.

The School of Nursing also undertakes postgraduate nursing education for Boston University for about 10 students each year.

Finally, our School furnishes nursing instruction for the practical nursing students of the Household Nursing Association, with some 15-20 students starting their nine months' training here at each of three periods during the year.

It is doubtful if there is any School of Nursing in the country which is doing a more varied and distinguished teaching job than ours, and we can all be justly proud of it.

Besides medicine and nursing, the Hospital is responsible for 10 other formal educational programs leading to a degree, a diploma, or a certificate in as many fields. These I shall take up in roughly alphabetical order.

The Dietary Department presents a one-year program to college graduates who have studied nutrition and institutional

management and who are proficient in the art of feeding individuals and groups. Upon completion of the course, in which the student applies her knowledge to administration, therapeutics and research, she receives a certificate from the Hospital and recognition from the American Dietetic Association.

There is the School of Medical Illustration which graduates about three students a year after a three-year course. These students all have four years of study, either college or a combination of college and art school, when they enter the School. The graduates find positions in many widely-scattered hospitals and medical schools upon completing this course.

Next comes our School for Medical Record Librarians, open to from ten to fifteen third-year students from Colby College and Simmons College who spend their fourth year (12 months) taking this course preparing for national examinations in this field.

Then there is the opportunity for a year's clinical training offered in Medical and Psychiatric Social Service to a dozen students from Simmons College, Smith College, Boston University and Boston College, leading to M.S. degrees in Social Service at these institutions. In its fifty years of teaching students in this field, the Social Service Department has graduated many distinguished leaders who have been founders of and teachers in courses in Medical Social Service, and have rendered superior social casework service throughout this country and in many other lands.

The Neurology Service offers a training course for students leading to a certificate as technician in electroencephalography. These students spend a minimum six months apprenticeship. An average of four to five students complete the training course each year, and approximately forty technicians have been certified in the last ten years.

Four registered nurses a year may receive training under the auspices of the Department of Anesthesia as Nurse Anesthetists qualifying them to meet the national standards of the American Association of Nurse Anesthetists.

The Department of Physical Medicine offers a year of clinical experience in occupational therapy to approximately six college graduates who are students at the Boston School of Occupational Therapy and six students of the New Hampshire

School of Occupational Therapy. This Department also offers clinical instruction in Physical Therapy to students from Boston University, Simmons College and Tufts University, leading to the B.S. degree in that field.

During the summer months, our Protestant Chaplain conducts a non-denominational Institute of Pastoral Care, open to about 30 theology students or ordained pastors who learn here how pastors can help with the many problems of patients and their families that are occasioned by sickness and death.

The Department of Radiology offers a year's training as X-ray technicians to two graduate nurses each year. This training qualifies them to meet national standards for certification.

Finally, arrangements have been concluded with Simmons College under which the Hospital will, beginning in the Fall of 1956, offer a year's training for 10 student laboratory technicians. This course is jointly sponsored by the Departments of Pathology, Medicine, Bacteriology, and the Blood Bank. It will lead to a B.S. degree from Simmons College and will qualify the students for the certificate of the American Society of Clinical Pathologists.

The foregoing has been limited to the Hospital's organized educational activities leading to some sort of formal professional or technical recognition for the students. In addition, much informal education occurs here, such as on-the-job training for chemistry and electrocardiography, bacteriology, and pathology technicians; short periods of observation by visitors from this country and abroad; and outside consultations, lectures, and even courses given at other institutions and agencies, private and governmental, all over the world by members of the staff and administration. These are far too numerous and varied to attempt to list here. Suffice it to say that the formal educational functions of the Hospital are at least 19 in number and that at any given moment there are, on the average, about 1,000 students at the Hospital engaged in one or another of these formal programs. From this it is clear that the Massachusetts General Hospital is a great educational institution in many fields. It is proud of this heritage, and will continue to the best of its ability to broaden and deepen these activities so that it may carry creditably its share in educating the future

members of the professions and technical area which together serve the health of people everywhere.

The three-day celebration in October, marking the Fiftieth Anniversary of medical social service, attracted more than 600 people from all over this country and abroad. It is hoped that many of the distinguished papers given on this occasion will be collected and published in a suitable volume. Deserving of special mention are the banquet address of Professor Elliott Dunlap Smith, Provost of Carnegie Institute of Technology, and the closing paper on "Fifty Years of Social Work in the Medical Setting: Past Significance and Future Outlook" by Miss Harriett M. Bartlett, Professor of Social Economy, Simmons College School of Social Work.

Some progress toward the establishment of a new Ambulatory Clinic was marked by the appointment of an *ad hoc* committee to work on the problem, under the able chairmanship of Dr. Dana L. Farnsworth, Physician, Henry K. Oliver Professor of Hygiene and Director of Harvard University Health Services.

An important reorganization of the staffing of the Emergency Ward took place during the year. The final arrangement, which appears to be having happy results, places the Emergency Ward under the alternate leadership of the Surgical Services and of the Medical Services, with the responsibility shifting at twelve-hour intervals. The responsibility for days and nights is alternated every two weeks.

The Massachusetts General Staff Associates continued to provide health examinations for industrial executives, increasing the number of firms being served by three during the year. The availability of office space in the upper part of the new Medical Science Building should provide a powerful stimulus for further development of the Associates' program.

Two important agreements were reached in 1955 with the Harvard Medical School and its other academically related hospitals. The first of these has been under consideration for several years and is concerned with joint fund raising for capital purposes. Under the agreement, efforts will be made to solicit funds on a national scale. The portion of the common fund to be assigned to the participating institutions will be

decided by a committee of Trustees representing each of them, under the chairmanship of the Dean of the Harvard Medical School.

The second agreement commits the Medical School and all the related hospitals to use the same accounting formula in determining the indirect costs of research. It also provides for a joint effort to obtain more nearly adequate reimbursement for indirect research costs from granting and contracting agencies, governmental or private.

It is believed that these two agreements will greatly strengthen all of the institutions, both individually and as a group with many common objectives and interests.

Due in large part to continued high occupancy, the operating deficit remained small, having been $19,000 for the fiscal year ending October 1, 1955. The Hospital is proud of the fact that since December 1951 it has been able to absorb an increase of nearly $2,000,000 in its annual budget without any increase in room charges.

Capital needs, however, constitute far and away the most important financial problem now facing the Hospital. Difficulties in financing new construction and major renovations during the nearly twenty years of depression and war have left a legacy of inadequate and outmoded plant, which has been only partially relieved by the construction of the Research Building, Bartlett Hall, and the new Medical Science Building. Besides the new Ambulatory Clinic, a new Auditorium, new quarters for House Officers, new maintenance shops and laundry, quarters and classrooms for nurses, additional parking space, a new therapy building for radiology, and a complete renovation of the Bulfinch Building are among the most urgent requirements which must be met if the Hospital is to be maintained as a modern and efficient institution.

Among the distinctions which have come to various members of the Staff are the following:

Mary A.B. Brazier, Ph.D., Neurophysiologist, was elected a fellow of the New York Academy of Sciences.

Allan M. Butler, M.D., Chief of Children's Medical Service, was elected President of the American Pediatric Society.

Edward D. Churchill, M.D., Chief of Surgical Services, received a certificate of appreciation from the Walter Reed Army

Medical Center, Washington, D.C. in recognition of "outstanding contributions for the improvment of knowledge and surgical practice of importance to national defense and for the presentation of the third William L. Keller Lecture on the subject 'Gunshot Wounds.'"

Fletcher H. Colby, M.D., Board of Consultation, was elected President of the Clinical Society of Genito-Urinary Surgeons.

Chester M. Jones, M.D., Consulting Visiting Physician, will serve as Chairman of the American Board of Internal Medicine for the year 1955-1956.

Laurence L. Robbins, M.D., Chief of the Department of Radiology, was elected to the Board of Chancellors of the American College of Radiology.

Miss Ruth Sleeper, Director, School of Nursing and Nursing Service, was elected an Honorary Member of the American Hospital Association at its Annual Convention in September, as a fitting recognition of her important contribution to the establishment of the new National League for Nursing and her leadership as its President for two terms.

Resignations have been accepted from Dr. Joe Vincent Meigs, Chief of Gynecology; Dr. Lucie Jessner, Psychiatrist, and Dr. John F. Gibbons, Radiologist.

The resignation of Mr. Reginald Gray, who was the efficient Secretary of the Corporation for twenty-five years, was accepted with deep regret.

The following appointments and elections were made: Mr. Phillips Ketchum, President of the Corporation; Mr. Francis C. Gray, Vice-President; Mr. Philip Theopold, Trustee; Mr. Elliot Lee Richardson, Secretary of the Corporation.

Other appointments included Dr. Howard Ulfelder, Chief of Gynecology; Dr. George Saslow, Psychiatrist; Dr. Victor Politano, Assistant Urologist; Dr. Duncan Reid, Board of Consultation; Dr. Anthony C. Allison, Assistant Physician and Assistant Pathologist; Dr. Paul Hare, Associate Sociologist in the Department of Psychiatry.

Leave of absence was granted to Dr. John B. Stanbury, Assistant Physician, for six months study and research in the Institute of Endocrinology in Leiden. Also, Dr. Edward P. Richardson, Jr., Assistant Neurologist and Neuropathologist, was

granted six months leave of absence for study at the University of Giessen.

We regret to report the following deaths:

Mr. John R. Macomber died on May 11. He served as Trustee from 1919 until his death, with the exception of a two-year period between 1932 and 1934 while he resided in New York. In 1944, he was elected President of the Corporation.

Dr. Robert M. Green died on May 29. He was a Consultant in Anatomy. A graduate of the South Surgical Service in 1907, he served as Assistant Obstetrician from 1929 to 1942.

Mr. Charles H. W. Foster died on September 22 in his 97th year. He was appointed a Trustee in 1902 and served as Secretary of the Corporation from 1903-08, and as Treasurer from 1908-28. He continued to be an interested member of the Corporation to the time of his death.

Dr. Leon Resnick died on October 14. He was a former Assistant Resident in Dermatology, and was appointed Assistant Dermatologist in 1954.

We welcome to our administrative staff Mr. Joseph F. Hill, Director of Purchases, Mr. Bernard A. Crosson, Director of Engineering and Maintenance, and Miss Mary E. Converse, Director of the Medical Records Department.

It was inevitable and proper that this Annual Report begin with a recounting of how the Massachusetts General Hospital fulfilled its obligation to the community in the care of the polio patients admitted during the 1955 epidemic. It would, however, be a far from complete report if deep appreciation were not expressed to the hundreds of people who work together every day throughout the year to insure the best care we are capable of giving to every patient who comes to the Hospital.

Respectfully submitted,

DEAN A. CLARK, M.D.
General Director

Annual Report of the General Executive Committee

ONE of the functions of the General Executive Committee is to recommend to the Trustees all appointments to the House and Visiting Staff and to pass on all Clinical and Research Fellows and Clinical and Graduate Student Assistants. Since all appointments are on an annual basis, all reappointments and promotions must also be cleared. With a marked increase in the number of physicians and scientists in trainee and fellowship status at the MGH, a large part of the weekly meetings of this committee is devoted to appointments. Obviously this is an important function, but it can be expedited if all applications submitted by Chiefs of Service be as complete as possible.

Among the many policy problems raised at General Executive Meetings this year there were three, still in the discussion stage, that we should like to report. Since the end of World War II there has been a steady increase in hospitalization and medical service insurance. This led to more patients seeking private physician care and thus to the threat of insufficient ward patients for adequate resident training and medical school teaching. A few years ago in order to meet this threat and also to compensate for the unfavorable publicity after refusing to admit certain patients, the Hospital established an open door policy in which no patient was refused admittance because of inability to pay or for any other reason. This policy has certainly been successful, because unlike so many other teaching hospitals the MGH wards have been running at about 100 per cent occupancy. This obviously put a great load on the Resident Staff and during the past year the Trustees gave permission to increase the number of Interns and Residents on some of the services.

Another problem, and one that has concerned the General Executive Committee for many years, is the low salaries of the House Staff. Although salaries paid to the MGH House Staff are, by and large, higher than most teaching hospitals (and

this increase was made possible by Blue Shield income before payments were stopped) they still are believed to be inadequate. In a few instances the General Executive Committee has allowed residents directly engaged in research projects to receive additional income from research grants so long as the work did not interfere with their routine duties. Occasional residents receive stipends as trainees of the National Institutes of Health. In order to obtain information on this problem an *ad hoc* committee consisting of Dr. Berg, Chairman, and Drs. Blodgett, Hoagland, Scannell and Wilkins was appointed. Their report indicated how great was the need to increase salaries and that "The MGH should take the lead in rectifying a situation in which a large proportion of the Resident Staff labors under very great financial hardship." A great deal of evidence of this financial need was presented, including the fact that during the last three years $67,780 has been borrowed from the House Officer's Loan Fund by 79 persons, and $29,380 by 33 persons during the last fiscal year. The General Executive Committee hopes that ways will be found to implement some of these recommendations so that in words of the *ad hoc* committee it should have the "effect of permitting able young men without private means to undertake an extended residency."

As mentioned above, the last increase in salaries for the Resident Staff was made possible by receipts from the Blue Shield for the care of service patients. It was hoped that further increases would be possible as more and more service patients were covered by this insurance. Unfortunately Blue Shield discontinued its payments, notwithstanding the fact that the intent of the insurance is to pay the doctor who takes care of the insured. Our residents have had years of training, are competent physicians, are almost all licensed to practice medicine in Massachusetts, and are accepted by the United States Armed Forces for the same responsibilities the Massachusetts General Hospital delegates to them. It is hoped that Blue Shield will reconsider their action and make it possible for the Resident Staff to receive an adequate salary.

During the year much discussion centered around the role of the MGH as a community hospital. What are the duties and responsibilities of a large teaching hospital to the health

and welfare of the surrounding population and the community physicians? An *ad hoc* committee headed by Dr. John Stoeckle studied the general practitioner and referring physician aspect of the problem and emphasized the need of a much closer rapport. Many methods of improving this relation and thus the care of the patient were suggested. The larger problem is to be studied by a committee headed by Dr. Dean A. Clark. This committee will pay particular attention to the impending change in the population of the West End, which will result from the new housing project being planned by an Urban Redevelopment Commission. It will consider the effects on health and well-being to a community of 3,000 families who will have to be dislocated, and it will study how to provide care for a new population of a different class structure. It is important to know in what way the role of the Hospital will be affected by this change and in what way the interests of the Hospital in such matters as adequate housing for nurses, married house staff and junior physicians can be safeguarded. It is hoped that the inadequacies of the present living quarters for Residents will be relieved by this new construction.

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Report of the Committee on Research

THE Research Committee of the Massachusetts General Hospital, acting as an advisory body to the Department Heads and the Board of Trustees, sits in the middle of a research establishment whose annual budget has recently exceeded the $2,000,000 mark. This establishment is heterogeneous in its projects and research personnel. The fruitfulness of an interdisciplinary attack on medical problems in a hospital environment is becoming increasingly obvious both in the hospital and in the scientific world at large. The Research Committee continues to grapple with a number of problems inherent in this new development in medical science. These problems are chiefly concerned with finding a place in the academic sun, so to speak, for the new species: the full-time non-clinical research man in the hospital. The Committee has received valuable assistance from the Hospital's Scientific Advisory Committee, which considered this problem at length at its meeting in December 1954. The Advisory Committee recommended that efforts be directed toward the establishment of a number of tenure posts at the Hospital for its ablest investigators, that efforts continue toward finding status for investigators in affiliated academic institutions and that a joint Harvard Medical School-M.G.H. Committee meet to consider these problems. Discussions between members of the Research Committee and representatives of M.I.T. have been encouraging, and a recent meeting of the Executive Committee of the Committee on Research and Dean George P. Berry of the Harvard Medical School has helped to clarify some of the issues. There is general agreement that little can be effected by a general policy statement on the relationship of the full-time hospital investigator to the academic ladder of affiliated institutions and that decisions will have to await consideration of individual cases. Progress is also being made toward inaugurating a course for medical students in laboratory medical research at the M.G.H., which would permit the new research talent of the Hospital to participate more effectively in the teaching activities of the Medical School.

The Committee on Research asked the Advisory Committee this year to consider two areas within its establishment where new developments are occurring. One of these areas was the over-all research plans for the occupants of the new Medical Science Building — the departments of Neurology, Neurosurgery, Pathology, Psychiatry and Dermatology. The other was the research program of the Huntington Memorial Laboratories which will shortly lose the able guidance of its Chief, Dr. Joseph C. Aub. In brief, the Advisory Committee was pleased to see the development of neurosurgery, neurology and psychiatry in close proximity to each other in the Medical Science Building; and expressed hope that the Huntington Laboratories would continue the present policy of directing its efforts toward the solution of fundamental biological problems in relation to normal and abnormal growth.

Last year's annual report stated that attempts to establish within the Hospital a pharmacologist to coordinate research on the use of new drugs in the clinic had been temporarily abandoned. A new impetus has, however, been given to the research for such a pharmacologist by a grant from the Pfeiffer Foundation of $7500 a year for three years for the establishment of such a position.

The Infectious Disease Unit which has been without a head since the loss of Dr. Thomas Payne, except for the temporary visit of Dr. Ouchterlony, will now return to life under Dr. Morton Swartz who comes back to the M.G.H. after two years of biochemical studies in Baltimore.

The Committee regrets the loss of two able neuropharmacologists, Drs. Donald O. Rudin and George Eisenman, who accepted excellent positions at the Eastern Pennsylvania Psychiatric Institute.

The Committee was pleased that two members of its research team, Drs. William H. Sweet and Gordon L. Brownell, were invited to report on their contributions in the localization of brain tumors at this summer's Geneva Conference on Peacetime Uses of Atomic Energy. Their work was received enthusiastically at that meeting.

The M.G.H. Research Fund, despite the Committee's worries earlier this year to the contrary, is maintaining itself at

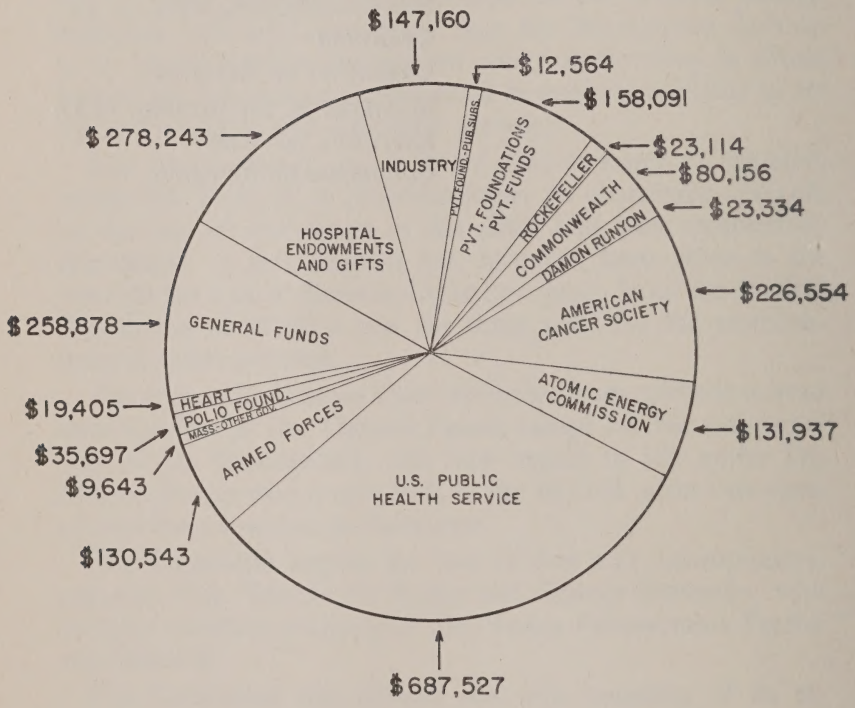
about the $60,000 a year level. The maintenance of this fluid fund at this or higher levels is a job to which the Research Committee will have to devote continued effort. This is the most valuable research money we have, serving as ground-breaking funds for new investigations and as a buffer for promising young men against temporary hard times during the course of a research program. Closely associated with this problem is the raising of an endowment fund for research at the Hospital. This has continued to concern the Committee, but as yet no clear solution to the problem has presented itself.

PAUL ZAMECNIK, M.D.
Chairman
Committee on Research

MAHLON B. HOAGLAND, M.D.
Executive Secretary
Committee on Research

TOTAL RESEARCH EXPENDITURES - 1955

$2,222,846



Report of the
Vincent Memorial Hospital

THE success of a hospital, as of most enterprises, in serving the community depends upon its personnel.

Dr. Joe Vincent Meigs, our Chief of Staff for over twenty-five years until his retirement last July 1, 1955, gives his continued interest and cooperation as a Trustee and as Consulting Visiting Gynecologist.

Dr. Maurice Fremont-Smith, a member of our Staff, is generously heading a committee, now in process of formation, to raise a fund with which to endow at the Harvard Medical School a Joe Vincent Meigs Professorship of Gynecology, the holder of which, other things being equal, will be the Chief of Staff of Vincent Memorial Hospital.

Dr. Dean A. Clark, our Director, is unfailing in his interest in and support of the Vincent, in spite of the larger requirements of his position as General Director of the Massachusetts General Hospital, a post that has great importance to us.

Dr. Howard Ulfelder, successor to Dr. Meigs as our Chief of Staff, as Chief of the Gynecological Service of the Massachusetts General Hospital and as Clinical Professor of Gynecology at the Harvard Medical School, is continuing the high standards of these offices. We feel secure in his administrative skill and in the enthusiasm with which he is tackling his new responsibilities.

Dr. John B. Graham, Director of our Laboratory, and Dr. Ruth M. Graham, Director of the Cytology Laboratory, continue their important research in cervical cancer under the large American Cancer Society grant to the Harvard Medical School, conducted at our Hospital in cooperation with three other Boston hospitals.

Dr. Janet W. McArthur is an important member of our research team in her specialty of female endocrinology, in cooperation with Dr. Francis M. Ingersoll and the Protein Foundation.

Our gift from The Vincent Club was $38,000, the largest ever; our appreciation and admiration for their skill and devotion in raising such a fund is in proportion.

We are pleased to have been selected, among twenty Boston charitable institutions, to be the recipients of the distribution later this year of a substantial trust under the will of David Nevins, following the death of the last surviving life tenant.

Our Hospital was not among the large number of beneficiaries of the huge Ford Foundation grant to hospitals across the country, unfortunately, due to our being omitted from the American Hospital Association listing of hospitals, since corrected. We are making every effort to qualify as a recipient, as our position entitles us to do.

Our Conference Room is being redecorated and will shortly be dedicated "The Joe Vincent Meigs Conference Room," adorned with a splendid portrait of Dr. Meigs by Mr. Alfred Jonniaux, generously donated by a group of doctors and other friends under the leadership of Dr. Langdon Parsons, for many years an associate of Dr. Meigs on our Staff.

With sorrow, we salute the memory of our late Trustee, Charles W. Brown, Jr., devoted, wise and generous.

It would be ungracious to close this report without expressing our appreciation of the generous cooperation we receive from the Trustees of the Massachusetts General Hospital.

LOUIS CURTIS, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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HOSPITAL STAFF

Dr. Dean A. Clark, *Director*
Dr. Howard Ulfelder, *Chief of Staff*
Dr. Joe V. Meigs, *Consulting Visiting Gynecologist*

Dr. Maurice Fremont-Smith
Dr. John B. Graham
Dr. Thomas H. Green, Jr.
Dr. Ward I. Gregg
Dr. Francis M. Ingersoll
Dr. Janet W. McArthur
Dr. William V. McDermott
Dr. Fred A. Simmons

Dr. John B. Graham, *Director, Vincent Memorial Laboratory*
Dr. Ruth M. Graham, *Director of Cytology Laboratory*
Miss Mary E. Quinlan, *Asst. Director of Nursing*
Miss Gertrude Parkhurst, *Supervisor of Nursing*

The Vincent Memorial Hospital

ON June 30, 1955, Dr. Joe Vincent Meigs resigned after twenty-seven years of service as Chief of Staff and was reappointed with the title of Consulting Visiting Gynecologist. Every feature of the Hospital today, from the management of the individual patient to the quality and content of its research program, gives constant evidence of his influence upon us. His interest and enthusiastic support continue unabated; for this we are profoundly grateful.

The ward service, both hospital and ambulatory, and the private hospital floor have enjoyed a year of uninterrupted normal activity. The nursing staff and supervisors, the resident medical staff and the numerous individuals who serve us in less obvious capacities are all to some degree responsible for the smooth and successful accomplishment of the Vincent Hospital's major function, and I hereby express my appreciation to them. No changes have been made in the roster of the visiting staff and each has contributed his share to the year's activities in clinical practice, teaching, or research. Several have contributed papers to the clinical journals.

The postgraduate course in gynecology, which we give under the aegis of Harvard Medical School, was attended by forty-nine physicians. This course has now been offered annually since 1948 and has been successful since its first presentation. Many persons from our staff, from the officers and the Board, and from among our colleagues at other hospitals and the Medical School combine to bring about this happy result. In addition to the course, there is a constant stream of visitors from this country and outside it.

The Research Laboratory has functioned continually at maximum capacity; so also has the Cytology Laboratory. The latter completed over 10,000 diagnostic interpretations during the year and carried in addition its research activities and an active program of instruction for trainees in cytology. Doctors Ruth and John Graham and their associates have continued their studies in the choice of treatment for cancer of the cervix, in the measurement of the effects of radiation, and in the basic

problem of host-tumor relationships as seen through the immunologic approach. Doctors McArthur and Ingersoll and their co-workers continued their investigation of the pituitary gonadotropic hormone (ICSH) as it is released in normal health, in disease, and under experimental conditions, together with a search for a concentrated and effective preparation of the hormone for clinical use. Papers reporting the results of all the research mentioned above have been published in appropriate journals. One of the most stimulating features of our research has come from its association with other clinical departments and other hospitals.

The Board of Trustees, the Board of Managers, the Officers and Members of the Vincent Club have served the Hospital often and willingly. Their unflagging support during the period of change from a beloved former Chief to his successor is deeply appreciated. In particular I thank the Chairman of the Board of Trustees for his constant attention to our affairs, for his support and counsel.

HOWARD ULFELDER, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers of the Vincent Memorial Hospital

THE visiting of patients is our principal work, and each month a member of our Board goes once or twice weekly to visit at the Hospital. The patients seem to enjoy seeing some one from outside. It is gratifying for the visitor to hear the patients' praises of the Nurses and Staff, especially after Thanksgiving and Christmas, when special efforts have made the occasion as cheery as possible.

We are grateful to the Ladies' Committee of the Institute of Contemporary Art for the Art Wagon which brings around reproductions of works of art. Each patient is allowed to select one to decorate the walls of her room. This project helps make the wards more cheerful and is enjoyed and appreciated by everyone.

For several months our Decorating Committee has been working with Dr. Ulfelder on refurnishing and rearranging the Conference Room. When the work is completed Dr. Joe V. Meigs' portrait will be hung there as well as the portrait of Dr. George W. W. Brewster. At that time the room will be renamed in honor of Dr. Meigs.

In the past year members of our Board have attended meetings of the Hospital Auxiliaries at the New England Hospital Assembly, the American Hospital Association and the Coordinating Committee of the Massachusetts General Hospital.

During the month of May an interesting exhibition on "Hospitals and Health" was held at the State House. Different hospitals were asked to take a day in which to have hostesses there to show people around and answer questions. Our Board was happy to assist by sending four members to serve as hostesses.

Dr. Janet McArthur came to one of our monthly meetings to explain the project on which she and Dr. Ingersoll are working. Last year 25 units of blood used for their project were donated by members of the Board and The Vincent Club. We hope to better this contribution in 1956. Any one interested in assisting

in the project may do so through calling Dr. McArthur's secretary, Mrs. Killick, at LA 3-8200, Extension 128.

Our annual coffee party to commemorate the opening of our present building was held in November and gave the Board an opportunity to meet with all the members of the Hospital family. Another pleasant annual event is the tea party in September given for the visiting doctors and their wives who attend the two week refresher course in gynecology given at the Vincent Memorial Hospital.

It is customary for the Director of the Hospital and the Chief of Staff to come to our monthly meetings, and it was interesting and stimulating to hear their reports on the Hospital. Dr. Meigs resigned last June, and we shall miss his friendly interest in our work.

At our June meeting it was a great pleasure to welcome Dr. Howard Ulfelder as our new Chief of Staff. Dr. Ulfelder has been connected with the Hospital for many years, and we look forward to a happy association with him.

Miss Quinlan, Assistant Director in Charge of Nursing, and Miss Parkhurst, Supervisor of Nursing, also attend our Board meetings, and we are grateful to them for their constant helpful cooperation.

Respectfully submitted,
MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Report of the Department of Pathology

THE year 1955 might be described as a year of detailed planning and waiting — waiting to get into our new quarters in the Medical Science Building. The last-minute addition of six floors has caused some delay, but we are now hoping for occupancy in late Spring. Dr. Edgar Taft, Assistant Pathologist, who has been spending almost half-time working with the architects for the past two years, is to be commended for his excellent ideas and resourcefulness. He has been an excellent liaison between the staff and the administration, the architect and various manufacturers of equipment.

There were no major changes in the professional staff. Drs. Fairfield Goodale and Robert Campbell finished their residencies. Dr. Goodale, who has been interested in cardiovascular disease, is spending a year with Dr. George Pickering, head of the Medical Research Unit at St. Mary's Hospital, London, where he is learning physiologic techniques applicable to anatomic pathology problems. Dr. Campbell returned to his home territory to become an instructor in pathology at the University of California Medical School in San Francisco.

During a six-months leave of absence Dr. E. P. Richardson, Jr., spent four months at the Max-Planck Institute for Brain Research in Giessen, Germany. It was possible there, under the guidance of Professor I. Hallervorden, to review a large amount of unusually fine neuropathologic material collected over many years, such as would be difficult to find anywhere else. Along with this, Dr. Richardson was able to work intensively on several remarkable cases of degenerative disease of the cerebral white matter ("cerebrodystrophy") from our own material and subsequently, in the final two months, to collaborate in a histochemical study of these and related cases with Dr. Paul Dizel of the Heidelberg University Pathological Institute. This trip is intended as the first step toward close friendship and mutual exchange of ideas between the Massachusetts General Hospital and neuropathological centers in Germany.

Research projects progressed very satisfactorily. Dr. Agnes Burt Russfield continues to find new correlations between cy-

tology of the human hypophysis and hormone assays. Dr. Scully, under a United States Army grant, is experimentally investigating the nature of skeletal muscle ischemia secondary to arterial obstruction. Under the sponsorship of the National Research Council, the *Atlas of Tumor Pathology Fascicle on Tumors of the Thymus Gland,* written by Dr. Castleman, was published. Various histochemical and experimental projects dealing with the relation of the thymus gland to myasthenia gravis are being carried out by Drs. Cohen and Zacks. Dr. Vickery has continued his collaborative studies with members of the Thyroid Clinic and Dr. Morgan in his work on the Golgi apparatus.

Before closing this report for 1955, the last that will be written in the present Allen Street Building, it might be in order to review the highlights of the Building's sixty years of existence. Opened in 1896 on the 50th Anniversary of Ether Day with Dr. James Homer Wright as its first director, it was one of the few hospital pathology laboratories in the country. Dr. Wright's contributions on bacteriologic and histologic techniques, on the origin of the platelets, on the demonstration of the relationship of the plasma cell to myeloma and the neurocyte to the tumor that he named neuroblastoma are all now common knowledge. Some of Dr. Wright's original material, still stored in dark corners of the Laboratory, will almost certainly be unveiled during the moving process and will probably be set up as a unit in the Tracy Burr Mallory Memorial Library in the new Building. Undoubtedly, one of the outstanding projects initiated during Dr. Wright's thirty-year tenure which has become a part of world-wide medical pedagogy is that of the Clinico-Pathological Conference. This teaching exercise was originated by Dr. Richard Cabot, and, beginning in 1910, conducted in collaboration with the Department of Pathology.

During Dr. Tracy Mallory's twenty-five-year period as Director, there were major reorganizations both in building structure and staff. In 1928, the old Allen Street House built in 1875, was extensively remodeled into the present amphitheatre and post-mortem room and other alterations were made in the main building. Dr. Mallory introduced the intern and residency program of training pathologists similar to that of the clinical services. Dr. Castleman was the first of the residents who

eventually chose pathology as a career and he has been followed by many others. Under Dr. Mallory, the Department of Pathology began to participate actively in the many Clinic and Service meetings throughout the Hospital, thus paving the way for the numerous collaborative clinico-pathological research projects that high-lighted this period.

Since Dr. Mallory's death in 1951, Dr. Castleman has carried on as head of the Department. Because of the demand for more pathologists, the Laboratory has increased its training program. In anticipation of new quarters, research projects dealing with experimental pathology, histochemistry, microbiochemistry and electron miscroscopy have been developed. We in the Laboratory realize the high standard of the past, and hope that the new bricks and mortar will help us uphold this tradition.

The statistics of the diagnostic examinations follow:

	1954	*1955*		
	Total	*M.G.H.*	*Outside*	*Total*
Autopsies performed	814	668	238	906
Percentage of cases dying in M.G.H.	68	67		
Surgical specimens	12,312	8,734	2,875	11,609
Microscopic preparations	63,968			69,740
Cytologic smears examined	9,548	5,361	4,340	9,701

BENJAMIN CASTLEMAN, M.D.
Chief
Department of Pathology

Annual Report of the Medical Laboratories of the Collis P. Huntington Memorial Hospital

THE Medical Laboratories of the Collis P. Huntington Memorial Hospital of Harvard University have been intimately associated with the Massachusetts General Hospital for fourteen years. This short interval has seen a phenomenal increase of knowledge in regard to the chemical reactions of living cells — knowledge which is one of the prerequisites for understanding the shift from the normal to the cancer cell. It has been stimulating to have played some part in this development. Similar dramatic progress has not been obvious in the knowledge required to make great improvement in the treatment of cancer, although it is possible that this may be near at hand. At any rate, the Huntington Laboratories have been contributing significantly to both these fields of cancer research. Our progress is indicated by the following brief summaries of the past year's work.

1

Studies on the mechanism of protein synthesis have been pursued by Dr. Zamecnik and his talented group of workers — Drs. Keller, Hoagland, Littlefield, Loftfield, and Spector. By intertwined and separate investigations, this group of highly skilled investigators has continued to study the machinery involved in protein synthesis. Their hope is that a clearer understanding of this central problem in biochemistry will provide insight into the rapid, poorly regulated rate of protein synthesis of neoplastic cells.

During the past year the initiative in fitting pieces into place in this complex synthetic process has passed from one to another of this group.

Dr. Loftfield has continued to synthesize C^{14}-labeled amino acids of very high specific activity and the L-configuration, thus making it possible to employ very short reaction times and to focus on the initial steps in protein synthesis. He has also been

able to show that a particular protein species, ferritin, is constructed solely from amino acids and not by a reconstruction of fragments of pre-existing proteins. This is the best evidence available toward an answer to this highly controversial question.

It has been clear for some years that cellular energy must be funneled into the construction of proteins. Dr. Hoagland has found evidence that this energy comes from adenosine triphosphate, the energy currency of the cell, by means of a direct interaction of amino acid and adenosine triphosphate on an enzyme surface, with the formation of a "carboxyl activated" amino acid. This is an important theoretical finding, which has already received praise and confirmation from laboratories in other parts of the country.

Once activated, it appears from the work of Drs. Littlefield and Keller that the amino acids are lined up in a particular sequence on a template containing ribonucleic acid, and a peptide chain is formed. This evidence is derived from the isolation from the cytoplasm of cells of a ribonucleoprotein particle, in which the highest rate of incorporation of labeled amino acids into protein occurs.

During the process of reassembling the fragments of the cell involved in protein synthesis, it was found unexpectedly that the nucleotide guanosine triphosphate played a mysterious but essential role as a cofactor. This interesting function of a hitherto rather obscure nucleotide provides an additional example of the growing list of nucleotides other than adenosine triphosphate which are being found to play parts in the catalysis of synthetic processes.

2

During the past year Drs. Scott and Taft have continued their quantitative histochemical studies of butter yellow carcinogenesis in the rat liver. They have pursued in particular their investigation of the relation between acid soluble phosphorus compounds and ribonucleic acid in this carcinogenic process. The manner in which this relation is altered in the tumor has been shown not to be simply a reflection of the rapid growth rate of the tumor, since regenerating liver, fetal liver, liver of new born rats, liver of pregnant rats, liver of starved rats, and

liver of rats re-fed after a period of starvation all show distributions of values for these two parameters which differ distinctly from those found for tumors. In the course of these latter experiments some interesting observations were made on the shift of values for these parameters in the early stages of regeneration of rat liver after surgical partial hepatectomy. It was found that the relative concentrations of acid soluble phosphate and ribonucleic acid were reversed from the normal condition during the postoperative period prior to the onset of mitosis of regeneration. It may be that among these small molecular phosphate compounds which increase in concentration during this period, a clue might be found to the circulating factor which causes an increase in mitosis of the liver of the intact member of parabiotic twin rats after partial hepatectomy of the other twin. Experiments in collaboration with Dr. Nancy L. R. Bucher have been initiated in an attempt to assess the significance of these observations within the framework of her earlier experiments on regeneration.

The mechanism of the reversible photolysis of some 2,4-diketopyrimidines by ultraviolet light has been elucidated by a study just completed by Dr. Scott. It has been found to involve the reversible addition of water to the ethylene bond of the pyrimidines. This reaction may be significant in the phenomenon of reversibility of ultraviolet inactivation of some micro-organisms.

In collaboration with Dr. Lewis L. Engel, and with the help of Mr. Allan U. Munck, a graduate student in the Department of Biology, Massachusetts Institute of Technology, Dr. Scott has continued to study an intriguing phenomenon. These workers have found that testosterone and some other steroids will form molecular complexes with purine, adenine, and with compounds containing adenine. The physiological importance of the steroids is well known and compounds containing adenine include, of course, adenosine triphosphate and many of the known coenzymes so important in the synthetic activities of the cell.

In the past year considerable progress has been made toward an understanding of the structural aspects of the steroid molecule which are important in the formation of these complexes.

3

Dr. Bucher and her group have pushed the search for biochemical mechanisms that influence cell division in the two principal directions outlined in previous reports. The first of these, involving experiments at the *in vivo* level, is concerned with the problem of regeneration of the liver following partial hepatectomy in the rat. In earlier studies on hepatic regeneration with parabiotic rats, the regenerative stimulus appeared to be derived from alterations in the biochemistry of the blood. Attempts to determine the nature of these biochemical changes have hinged upon the necessity of transmitting the stimulus from one rat to another. So far, however, injection of large doses of plasma from partially hepatectomized rats into normal rats has failed to elevate the rate of cell division in the livers of the recipients. In the converse experiment, designed to detect a possible growth inhibiting type of mechanism, the injection of normal plasma into partially hepatectomized rats has failed to block the stimulus. In view of the success of the parabiotic experiments, it is believed that the current difficulties are due to the relative insensitivity of the assay technique, which is based upon the determination of small changes in mitotic rate at very low over-all levels of activity. Present efforts are therefore centered on the development of an improved technique, based upon the uptake of radioactive orotic acid into the hepatic deoxyribonucleic acid, since this function appears to be proportional to the mitotic activity. These deoxyribonucleic acid studies are being carried out by Dr. Mary D. Albert.

Dr. Bucher's group has also continued to investigate the roles of the various structural elements of the cell in cholesterol biosynthesis. *In vitro,* the microsomes and soluble cell constituents are required for the formation of cholesterol from acetate; *in vivo,* the major portion of newly formed cholesterol obtained at short time intervals after the injection of labeled acetate is in the microsomal fraction. The microsome contains a very high percentage of the total cytoplasmic cholesterol.

The *in vitro* system is dependent upon a glycolytic substrate, adenosine triphosphate, or diphosphopyridine nucleotide. In addition, there is a requirement for oxygen, although cyanide and dinitrophenol, which inhibit mitochondrial oxidative en-

zymes, fail to block the reaction. The glycolytic enzymes, and probably some others contributing to the conversion of acetate to cholesterol, are in the soluble fraction.

The microsomal fraction seems to contain the particles principally concerned with cholesterol synthesis. Within the microsomes, the larger lipid-rich, membranous or vesicular structures, or other elements still unidentified, rather than the smallest particles or ribonucleic acid granules, seem to be the most probable locus of the cholesterol-forming enzymes.

Dr. Alden V. Loud has measured the changes in the rate of cholesterol synthesis under various experimental conditions such as bile duct ligation, cholesterol feeding, etc., using double-isotope techniques. These studies have shown that in certain cases the measured degree of change depends on whether radioactive carbon or tritiated water is employed as the labeled precursor. For example, cholesterol feeding reduced the apparent rate of synthesis to one sixteenth of the normal level when measured by incorporation of carbon-14-acetate, but only to half this extent when measured with tritiated water. This difference arises because the carbon-14 is introduced into the metabolic chain at an earlier stage than the labeled hydrogen; since initially the carbon-14 must become equilibrated with a larger number of intermediates than the tritium, a significant difference in labeling with these two isotopes is introduced when the rate of synthesis is decreased, but disappears when the rate is accelerated. These findings emphasize the importance of the intermediary processes in measurements of biosynthetic rates involving multistep reaction sequences in animals subjected to different experimental conditions.

In addition, Dr. Loud has carried out studies on squalene, demonstrating that an appreciable squalene pool exists in the liver, a small fraction of which appears to turn over rapidly and serve as a direct cholesterol precursor. Further support for this latter concept is provided by the finding that most of the radioactive squalene occurs in the same cellular fractions that contain most of the radioactive cholesterol.

4

Dr. Engel's Endocrine Division has continued its accumulation of data on the relation between steroid hormone metabo-

lism and neoplastic disease. Intensive study of the effect of adrenalectomy and cortisone maintenance therapy on steroid excretion in a series of patients with cancer of the breast has revealed characteristic changes in the patterns. Androsterone and etiocholanolone, two 17-ketosteroids derived from a postulated adrenal androgen, disappear from the urine and are replaced by like amounts of non-androgenic 17-ketosteroids derived from the administered cortisone.

During the past year they have had the opportunity of studying in a detailed fashion the excretion levels of a large number of steroid hormone metabolites present in the urine of patients with adrenal cortical carcinoma and adrenal cortical adenoma. By correlation of the data thus obtained it has become apparent that no pattern of excretion is characteristic of either disease and that no compound or group of compounds can be considered to be unique excretion products in either disease. However, they do suggest very strongly the existence of specific biochemical defects in the biogenesis of the steroid hormones which may lead to the excretion in abnormally large amounts of metabolites of substances which are usually present only as transient intermediates. It is believed that the study of these situations will continue to give information useful in defining the differences between normal, adenomatous, and neoplastic tissue.

Studies, which are being pursued in collaboration with the group at the Worcester Foundation and which led last year to Dr. Baggett's discovery of the conversion of testosterone to estradiol by human ovarian tissue, have been pursued vigorously, and have now been confirmed in several other laboratories. The generality of this reaction is demonstrated by Dr. Baggett's observations of the conversion of testosterone (male hormone) to estradiol (female hormone) by human adrenal cortical carcinoma tissue as well as by stallion testis tissue. Thus, this mechanism has been shown to be operative in the three major tissues involved in estrogen biosynthesis. These studies are now being extended to the examination of the biogenesis of the neutral steroids in functioning tumors of endocrine organs. The most significant observation thus far has been the demonstration of 11β-hydroxylation of testosterone by an interstitial cell tumor of the testis.

The steps involved in the conversion of the secreted hormones to their urinary metabolites are also under study. Miss Lorna Langer, a graduate student in the Department of Biological Chemistry, Harvard Medical School, has prepared from human placenta highly purified preparations of an enzyme which oxidizes estradiol to estrone. This enzyme requires diphosphopyridine nucleotide and is also dependent on the presence of at least one sulfhydryl group in the protein portion of the enzyme. Studies of substrate specificity have revealed that the enzyme from human tissue is distinctly different from the bacterial systems described by others. The enzyme is specific for the β-configuration of the hydroxyl group at C-17 in estradiol but does not act significantly upon testosterone which also possesses a 17β-hydroxyl but differs in the structure of Ring A.

These studies illustrate the approach of the Endocrine Division to the problem of abnormalities in steroid metabolism in neoplastic disease. Our understanding of the over-all patterns of metabolism as seen by the urinary studies has been amplified and extended by more detailed knowledge of the biosynthesis and catabolism of the hormones. This coordinated approach is making possible a more satisfactory picture of aberrations in neoplastic and other disease.

5

Everyone is involved in research in a department such as this, but some investigators devote themselves preponderantly to laboratory activities as exemplified by the preceding reports. In the last few years, we have also developed a more clinical chemotherapy unit, by which the vast number of cancer patients in the hospital may be seen and some of them treated. This effects improved treatment for the patients and expanded opportunities for observing neoplastic disease. Our clincial studies include much laboratory work, in an attempt to understand the effects of chemotherapy upon the host as well as upon the cancer.

Clinical observations are very time-consuming but important, for one of the great needs in American medicine is for doctors well trained in the usual clinical course of chronic disease. This activity engrosses all of the following doctors and they are all

interested and active in accumulating data on the effects of the known chemotherapeutic agents. Only their investigations are reported here.

The prime concern of Dr. Baker and Dr. Sohier has been the measurement of various aspects of tumor-host relationship during administration of chemotherapeutic agents. Since it has been shown that calcium excretion in patients with cancer of the breast may represent a sensitive index of effective therapy, Dr. Baker has been doing metabolic calcium balances on patients during alterations in their hormonal status. In conjunction with these balance studies, radioactive calcium chloride is administered intravenously, and its distribution is determined by measurements of the specific activity of blood, urine, and feces. Determination of the curve of fall seems to indicate at least four or five different compartments with separate rates of distribution. Thus, this technique enables a more accurate determination to be made of shifts in calcium or changes in one or more of the compartments. Their hypothesis is that the presence of metastatic cancer in the bone constitutes an increase in exchangeable calcium surface and they hope to demonstrate this by means of this technique.

These investigators are also using this technique to see if administration of estrogen to a pre-menopausal woman will predict effectiveness of castration. Radioactive calcium is administered and then estrogenic hormone is given approximately one week later. An outpouring of calcium-45 in this situation might predict a tumor which would be restrained by removal of estrogen sources. In addition, sodium EDTA is being given at intervals as a further test of this working hypothesis.

These metabolic studies require large numbers of analyses, many of them done in Miss Tibbetts' specialized laboratory. They also require the careful routine of the research Ward 4, for accurate observations are essential.

In conjunction with calcium metabolism studies, Dr. Sohier continues to measure the longevity of the red cell by means of the Ashby technique. With Dr. Freymann, he has done parallel studies measuring the life of transfused cells and the patient's own cells during the alteration of the patient's condition either by hormones or by chemotherapeutic agents. In most cases the

life of the patient's red cellls and transfused cells do not differ, so that it seems likely that an extracellular component must be working to cause the decreased red cell survival during the anemia of cancer which has previously been shown by us and by others.

Attempts to develop specific Coombs' sera by injecting the patient's own sera into rabbits, developing antibodies against it, and then testing this against the patient's red cells have been unsuccessful in two cases, and thus it seems less likely that an adsorbed protein is the cause of this red cell destruction. Since certain serum enzymes are elevated in neoplastic disease and since enzymes are known to alter red cell surfaces to produce hemolysis, Dr. Sohier is measuring the serum aldolase activity and attempting to correlate this with red cell survivals and calcium excretions. All of these studies are being done in conjunction with the measurement of urinary steroids in Dr. Engel's laboratory.

6

The mechanisms by which radiation affects nucleic acid metabolism have continued to occupy most of Dr. Gardella's attention. The results of these investigations thus far suggest that therapeutic doses of radiation affect primarily, if not exclusively, the metabolism of deoxyribonucleic acid (DNA). Interest therefore has been focussed on DNA metabolism in irradiated tissues.

Variations in the rate of turnover of radioactive phosphorus and orotic acid into DNA after irradiation are being studied in the ascites tumor *in vivo* and *in vitro.* Dr. Martz and Dr. Gardella are encouraged by preliminary efforts to obtain incorporation of phosphorus-32 into the DNA of Ehrlich sarcoma cells *in vitro.*

Quantitative and qualitative differences in acid soluble nucleotides are being measured in several tissues before and after irradiation. Variations in the specific activities of these nucleotide intermediates are also being measured.

The radiosensitivity of the Ochoa enzyme(s), nucleotide phosphorylase, is under investigation. This enzyme, obtained

from extracts of azotobacter, effects the synthesis of polynucleotide chains from 5′ diphosphate nucleotides.

These investigators have also begun to investigate the effect of antipurine metabolites and alkylating agents on the nucleic acid metabolism of human leukemia cells *in vivo*.

7

Dr. Freymann has continued to study the effects of radiation on the Yoshida ascites tumor. He has confirmed the observation that whereas a single dose of 25r total body irradiation will completely suppress mitosis of ascites tumor cells, nevertheless 24 hours later (when mitotic activity has resumed), the same amount of radiation causes only a two thirds suppression of mitotic activity. Furthermore, this "resistance" of the mitotic activity to radiation is inversely proportional to the interval between successive radiations: e.g. a second radiation at 19 hours is less effective in inhibiting mitosis than a second radiation at a 24 or 36 hour interval. The mitotic rate is lowered successively further by radiation at longer intervals (29, 34, 39 hours) until an irradiation at 44 hours after the first treatment will completely inhibit mitotic activity once again.

Following the injection of radioactive iron, the rate of disappearance of activity from the plasma, the distribution of activity in various organs, and the ultimate utilization of tracer in hemoglobin gives valuable information on the size and rate of turnover of the body iron pool, and the rate and efficiency of hematopoiesis. Dr. Freymann has been most interested in polycythemia vera, myeloid metaplasia, and leukemia. By repetition of the radioactive iron injection it appears possible to study the formation and utlization of hemoglobin after various forms of therapy. This permits studying the response of the host which may well be as important as the response of the neoplasm.

8

During the past year Dr. Hall's interests have continued in the two problems of the effect of therapeutic agents upon ascites tumors and the possibility of growing human tumors outside the body. Using mouse ascites tumors, it was found that the

tissue destruction following radiation did not cause release of the enzyme transaminase from cells into the ascitic fluid nor an increase in blood transaminase level as has been found after myocardial damage. It was observed, however, that Myleran gave rise to an elevated intracellular succinic dehydrogenase level in rat and mouse ascites, similar to that observed after x-ray treatment of these tumors.

9

Dr. Taft and Dr. Hall have continued their studies on the growth of deer antler. With the aid of Dr. William F. Ganong, successful removal of the hypophysis was accomplished in a mature animal. During the ensuing year, the animal did not show body growth, antler growth, or the usual cyclical changes in the pattern of hair growth. ACTH from hogs did not ameliorate this defect, nor did a purified preparation of bovine growth hormone.

10

For several years the cell surface has evoked interest in this laboratory, for there is evidence that the adhesiveness of tumor cells differs from that of normal cells. Isolated tumor cells are available in the form of ascites tumors, but single normal tissue cells, which function, had not been obtained. This has been Dr. Betty Roof's problem, and she has obtained functioning normal cells from the thymus gland. We are now comparing normal and malignant cells by their reactions to surface acting detergents.

Thus much work of the last few years has developed and progress continues to be made. It is clear that the chemical differentiation between normal cells and tumor cells remains obscure. This makes the restless uneasy, but this is a fundamental question which is proving difficult to unravel even though it is obvious that there must be a difference. Impatience is not justified, for this is a subtle problem which deserves and demands much more time and thought.

The enthusiasm of our workers and the generosity of our sponsors and supporters have given us encouragement. We are very grateful for all of this help, and the great thanks of all

our laboratory are here expressed. However, as this is my last report before retirement, I want to express my own profound appreciation to those who have made our work possible, and my enthusiastic admiration and gratitude for the loyalty, vigor, and devotion of all the staff to this work. It has been a great privilege to work in such a laboratory and to have played a small part in two such superior institutions as Harvard and the Massachusetts General Hospital.

JOSEPH C. AUB, M.D.
Director

Report of the Coordinating Committee

DURING 1955, in an effort to find ways by which the Coordinating Committee could be more useful and its work more interesting, the Committee held monthly meetings from January to June. Each participating group was asked to nominate two regular representatives in order to give continuity to the Committee's work. Although every effort was made to make the meetings interesting and to find some project upon which the Committee could work, the nature of the Committee is such that this failed.

The Committee is made up of women whose primary interest is in the particular organization they represent and not in the Coordinating Committee. The Coordinating Committee was set up originally to coordinate the activities of the various women's committees of the Hospital. "To coordinate," according to the dictionary is "to act in combined order for the production of a particular result." This the Committee has never accomplished because the participating organizations have their separate and distinct functions and are not a part of any whole. In fact, there is and never has been a "whole." Herein lies the essential weakness of the Coordinating Committee.

The members of the Committee have discussed at length how to overcome this weakness. At the present time no solution has been found and further study will be necessary before recommendations for the future can be made. Before another year has passed, however, it is hoped that some plan will be developed whereby the activities of the various women's groups within the Hospital may be truly coordinated and through which greater volunteer service may be available to the Hospital.

MRS. OLIVER COPE
Chairman

MRS. HENRY M. BLISS, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE LADIES' VISITING COMMITTEE:

This report gives a brief summary of the activities of the Ladies' Visiting Committee from February 1955 to January 1956. Meetings have been held monthly from September through June. Two important changes in policy have been made since the last report. It was voted in May that the officers be elected at the close of the June meeting of each year, to take office at the following October meeting; and that the annual meeting be changed from the first Thursday in January to the first Thursday in October. The newly elected officers of the previous June and the newly assigned sub-committees would serve from October to October. To start it off, the present officers and the sub-committees would serve until October 1956; the new officers to be elected in June 1956.

In June it was voted: "In September all members of the Ladies' Visiting Committee be asked to sign for one month of visiting twice a week; the second period of service to be either one month of visiting twice a week or eight periods of service as a Baker Hostess or on the Store Cart." This is to be a trial for one year.

The above changes in policies have been met with enthusiastic support. Bearing in mind that the purpose of the committee was originally visiting and this identity should not be lost, it has been interesting that more worth while and better visiting has been done. Contacts have been made while serving coffee in Baker as well as taking the Store Cart through the wards to Baker and to the Vincent. This has brought about special visiting. These periods of service as a Baker Hostess have appealed to many members and this project, started a year ago at the request of the Administration, has been carried without interruption except for six weeks during the summer.

During the year the various sub-committees have continued to help throughout the Hospital giving hours of service and/or financial aid where requested. At special times, such as Christmas and during the polio epidemic many additional hours were given by committee members. In this latter crisis six members of the Ladies' Visiting Committee worked on White 9 and are still fulfilling a vast responsibility there.

The financial report of the General Store, which is operated by the Ladies' Visiting Committee, is not given elsewhere in this Annual Report. As a matter of record, the figures for 1955 follow:

Balance on hand December 27, 1954		$ 6,215.84
Cash receipts		48,246.92
Total		$54,462.76
Expenses:		
Salaries	$ 6,474.16	
Stock Purchased	35,844.73	
Utilities Charge	143.75	
Miscellaneous	403.59	
Total Expenses		42,866.23
		$11,596.53
Paid to Ladies' Visiting Committee	$ 4,000.00	
Paid to Staff Wives Association	182.96	
		4,182.96
Balance on hand January 1, 1956		$ 7,413.57

SUMMARY

Receipts	$48,246.92	
Expenses	42,866.23	
Cash Gain	$ 5,380.69	
Increase in inventory	67.00	
Gain for 1955	$ 5,447.69	
Value of inventory December 29, 1955		$ 3,745.00

A representative from our Committee has served in a liaison capacity on the Social Service Advisory Committee. Six members represented the MGH as hostesses at the State House at the exhibition during May entitled "Massachusetts as a Health Center." Two members attended the New England Hospital Assembly meeting in March and the Greater Boston Regional Hospital Auxiliary meeting in November at the Beth Israel Hospital. Members acted as hostesses in April when the MGH was host to the Committee on Auxiliaries. They also helped with the registration at the time of the Social Service 50th anniversary in October.

During the year there were four speakers at our own meetings: In February, Dr. Janet McArthur of the Vincent Staff; in April, Miss Daphne Corbett, Assistant Director of Nursing in the White Building; in May, Dr. Henry K. U. Beecher, Chief of the Anesthesia Service; in November, Dr. Dean A. Clark, General Director of the MGH.

There was one resignation during the year, and three new members were elected to membership.

Members have been most generous in giving concert and theater tickets, which are enjoyed by various members of the Hospital family. Again members have offered their country places for picnics and their houses for short or long stays during the summer months.

My sincere thanks go to every member of the Ladies' Visiting Committee for her continuing devotion to her visiting assignments, for her valuable work on the subcommittees and for all activities carried out by this Committee.

MRS. OLIVER COPE, CHAIRMAN, PRESENTS THE FOLLOWING REPORT OF THE MGH STAFF WIVES ASSOCIATION:

The M.G.H. Staff Wives Hospital Committee at its Annual Meeting in May, 1955, voted to change its name to the M.G.H. Staff Wives Association and adopted simple By-laws to govern its operation. By doing so the membership hoped to provide a framework for the future growth of the Association and at the same time to define its service to the Hospital.

In September, the Reception Center for Professional Visitors was opened. The Center is staffed five days a week from nine to four by two volunteers. Forty-five staff wives and two women who are not staff wives, but who volunteered because of their interest in the work of the Association, were trained to work at the Center. Each volunteer gives at least four hours per month; some give eight; many sixteen or more. All have been devoted and prove that if carefully selected and trained, volunteers can give invaluable service.

The Reception Center provides housing, furniture, hospitality, and information and guidance in areas too numerous to mention.

During its first three months, 100 visitors from 42 different countries were registered. Most of these visitors came from other countries and are here for periods ranging from one week to one year or more. About 25% of these are married and have brought their families with them including as many as six children. It is to this group the greatest service has been given. All the visitors who desired hospitality at Thanksgiving and Christmas were entertained in American homes. While the greatest service is now given to our visitors from other countries, it is hoped that, as the work of the Reception Center becomes known throughout the Hospital, all professional visitors who are studying or working in the Hospital will at least register at the Center.

The Association continued its practice of giving teas for our visitors at which they have an opportunity to meet members of the Staff informally.

The Concerts for patients have also continued although during the polio emergency, this service was curtailed. Dr. and Mrs. Milford Schulz have generously given a record player to the Hospital. It is located in the Chapel and is available with records for the enjoyment of many people. The Committee records once more its thanks to all those who participated in providing music for the patients and members of the Hospital family.

The dues-paying membership of the Association increased by over one-third during the past year. I believe this is due entirely to the enthusiasm for the service offered by the Association through the Reception Center.

It is impossible to thank all of the people who have contributed to the success of the Reception Center. Many within the Hospital helped not only with the planning but with the physical arrangements. Our committee chairmen, our community chairmen, all those who have helped with concerts, teas, housing, driving, typing, and a myriad of small but vital jobs, and the Reception Center volunteers have done a magnificent job for which the Hospital and the Association are most grateful.

MRS. ALFRED J. LUESSENHOP, PRESIDENT, PRESENTS THE FOLLOWING REPORT FOR THE DISTAFF CLUB:

This past year the Distaff Club continued its program of activities to bring the wives of the House Staff and of the Fellows in Research together for sociability, education, and service to the Hospital. At these functions, opportunity was provided for young women doctors of the House Staff and in Research to become acquainted.

In March a tea was held in the Penthouse for the Staff Wives. A farewell supper party was also given there in June for House Staff and Fellows leaving the Hospital. New members were welcomed at a tea at the home of Mrs. J. B. Stanbury with Mrs. Stephen Krane as hostess. The second M.G.H. Spring Dance was held at the Boston Club in May and again it was very popular. We are pleased to have the Spring Dance become an M.G.H. tradition and hope the third one now being planned will be an even greater success this May.

Members were happy to participate in the M.G.H. Family Christmas party by wrapping the children's gifts. The Distaff Club had its own very successful party the previous week. Toys suitable for various ages were demonstrated at the November meeting as gift suggestions.

The membership is, of course, keenly interested in all aspects of the Hospital and greatly appreciated the informative talks so generously given by: Dr. Janet McArthur, "M.G.H. Search for Hormones in Human Blood;" Mr. David Crockett, "The Financial History of the M.G.H.;" and Dr. Frederic M. Blodgett, "The Family Health Program."

Volunteer work was done regularly by several members. A profitable cake sale helped support the year's activities.

Last fall, the following officers were elected: President, Mrs. Alfred J. Luessenhop; Vice-President, Mrs. William Buchanan; Secretary, Mrs. Richard Austin; and Treasurer, Mrs. Harold Urschel.

Report of the Advisory Council of The Massachusetts General Hospital School of Nursing

THE Advisory Council to the School of Nursing held nine meetings from October 1954 through September 1955. As it is both the purpose and the desire of this Council and its members to familiarize themselves with all teaching experiences offered to students and as there had not been a recent review of the affiliations included in the M.G.H. nursing programs, it was decided to ask the directors of these programs to discuss them with the Council. However, before starting these discussions, Miss Ethel Brooks, Director of the School of Nursing and Nursing Service of the Hartford Hospital and an M.G.H. Alumnae representative on the Advisory Council, spoke at the October meeting on "The Future of the Three-Year School."

At the following meetings:

Miss Margaret C. Tibbetts, Director of the School of Nursing and Nursing Service, McLean Hospital, presented the program for students affiliating in psychiatric nursing.

Miss Mary Shepard, Educational Director at the Massachusetts Eye and Ear Infirmary, discussed the program for students who affiliate there for four weeks.

Miss Carolyn Davies, Director of the School of Nursing and Nursing Service at the Boston Lying-In Hospital, presented the program of affiliation in obstetrics.

Miss Mary M. Sullivan, Director of the Boston Visiting Nurse Association, discussed the program in Public Health Nursing which is part of the Radcliffe-M.G.H. coordinated program and spoke briefly of the one-day observation experience for three-year students.

At the May meeting Dr. Clark, for the Trustees, presented M.G.H. Service Pins to those members of the Advisory Council who have served terms of thirty years or more. These were:

Mrs. Thomas Motley	1914-1955
Mrs. Arthur W. Bell	1910-1950
Mrs. Paul Jones	1920-
Mrs. Henry Bigelow	1914-1947
Mrs. G. Tappan Francis	1916-1949
Mrs. Robert Homans	1924-

Three members, whose terms of office expired, retired from the Council in March: Miss Dorothy Bartol, Mrs. Thomas Motley, and Miss Cecile Littlefield, M.G.H. Alumnae Association member.

Mrs. W. K. Jordan was reelected for a term of five years. Mrs. Delbert Jackson was appointed by the Alumnae Association and Miss Jessie Porter, Guidance Counselor of the Winthrop High School, was elected for a term of one year.

Mrs. Thomas Motley was unanimously voted into the Council as an Honorary Member as she has served on the M.G.H. School of Nursing Committee and the Advisory Council for forty-six successive years.

Respectfully submitted,

HELEN R. BRACE
Chairman

Massachusetts General Hospital Nursing Department

	1955
Average No. of Graduates on General Hospital Staff and Clinics	187*
Average No. of Graduates on School of Nursing Staff	42*
Average No. of Graduates on Baker Memorial Staff	60
Average No. of Graduates on Phillips House Staff	55
Average No. of Accepted Pupils	286
Average No. of Preclinical Students	72
Average Total	625
Total No. Preclinical Students Admitted (includes 8 Degree)	139
Preclinical Students Dropped and Resigned (includes 6 Degree)	21
Students Graduated (includes 3 Degree)	126
Accepted Pupils Dropped and Resigned	14
Total Dropped and Resigned (includes 6 Degree)	35
Students Readmitted	7
Average No. of Graduates on General Hospital Staff—**Part Time	11
Average No. of Graduates on Baker Memorial Staff—**Part Time	8
Average No. of Graduates on Phillips House Staff—**Part Time	9
Total **Part Time Graduates	28

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING OCTOBER 1, 1955

Graduate Nurses, General Hospital and Clinics	213
Graduate Nurses, Baker Memorial	61
Graduate Nurses, Phillips House	60
Total	332
STUDENT NURSES:	
Accepted students	264
Preclinical students three year program	92
Preclinical students Coordinated Program with Radcliffe College	22
Affiliating students from other schools	52
Total	430
TOTAL GRADUATE AND STUDENT NURSES	762
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL	
Baker Memorial	
MGH accepted students	28
Incoming affiliating students	0
Boston Lying-in Hospital	27
Massachusetts Eye & Ear Infirmary	10
McLean Hospital	18
Public Health	1
NUMBER OF STUDENTS AFFILIATED IN 1955 FROM:	
Simmons College School of Nursing	12
McLean Hospital School of Nursing	15
Henry Bishop (Pediatrics)	18
Leominster Hospital (Pediatrics)	6
St. Anne's Fall River (Pediatrics) stopped Feb. 21, 1955	19
New England Baptist (Clinics)	60

*Previously reported as a combined total.
**Part time nurses expressed in equivalent of full time.
Not included in above figures—Polio Foundation Graduate Nurses 20

The Nursing Department

The Nursing Service

EVERY department in the Hospital must in its own way feel the impact of the accelerated service which has prevailed at such frequent intervals during the past year. In retrospect even the polio epidemic seems different from other periods of intensive service only in that it was longer, demanded skills which Nursing was not initially prepared to give, and left in its wake a larger number of long-term patients with immediate and urgent needs for another special type of care which the nursing personnel were only beginning to learn.

Nursing's major problems seem to fall into four areas: how to accept, work effectively, and hold good workers in a medium of high tension; how to help personnel adjust pace and maintain a reasonable quality of service as the number of patients rises and falls; how to interpret the nursing situation to doctors and to other departments; how to communicate with doctors and other departments so that their problems and needs may also have the fair consideration necessary for productive interaction.

The reorganization of the Nursing Service initiated in 1954 has continued and has proved its worth. Service within the individual Hospital units has been more effective. Head nurses, brought into closer touch with nursing administration, have shared more actively in decisions and actions affecting them and their wards. Evening and night supervisory staff, assigned now in each building, have given greater assurance of safe and effective care. Increased cooperation between staffs in the various buildings has been demonstrated under the stress of the summer emergency and in meeting the day by day need as well. Efforts are now concentrated in part upon the development of a more adequate record system, the organization of a central file for nursing, and assistance to all patient units which will help the worker to grow on the job, so to facilitate patient care and spread the personnel most economically and effectively.

Responsibility for recruitment of all nursing personnel in-

cluding staff nurses has been transferred to the Personnel Department. In these days of scarce labor markets and growing competition for nurses and non-nurse workers the skills of the specialist are essential for recruitment. Such specialists are found in the Personnel Department. Screening of applicants for positions will continue to be the responsibility of the Assistant Directors of Nursing in each Hospital unit.

The Staff Education Unit of the Nursing Service has continued to serve the wards and clinics through the orientation program for new workers. During the year 294 newly employed nurses, practical nurses, aides, secretaries and ward helpers have been given a two weeks orientation to the Hospital and the Nursing Service. Only 128 of these new workers remain as the year ends, an indication of the turnover in personnel and the time and effort spent on presently unavoidable but none-the-less non-productive activity. The highest percentage of loss occurred in the ward aide and ward secretary groups. Too often aides appear to seek employment in the Hospital only as a means to secure the six weeks intensive in-service training. Of the 77 inexperienced aides employed and assigned to training during the year 35 left upon completion of the training period. To combat this trend the training period henceforth will be neither announced nor organized as a course.

Better matching of worker to job might also reduce turnover. Professor Ingo Ingernohl from the School of Industrial Management at Massachusetts Institute of Technology is now working with aides to determine the value of pre-employment testing as a means of improving selection. If the findings are positive such procedures should be studied in a similar way for other groups. For the present, the Staff Education Unit is working with ward secretaries in a new plan for in-service training as a means of improving the worker on the job, and thereby increasing the satisfactions from the job.

Both worker success and satisfaction depend largely on the head nurse, her security in her work, her ability to organize and teach, and her ability to maintain constructive relationships amongst her staff and other groups active on the wards. During the fall the head nurses and selected staff nurses from the Vincent-Burnham began an experiment with the Staff Education

Unit in head nurse development. This is a first small step toward the plan which must be developed quite rapidly if the Hospital is to have a staff of head nurses adequate to meet its needs, present as well as future.

In the spring of 1954 the Nursing Service sent one supervisor for three weeks and three head nurses for two weeks to a Workshop on Team Nursing at Teachers College, Columbia University. Neither the concept of the team nor its implementation are new at MGH, but in the use of the team plan more or less effectively for several years we have learned many of the factors which impede success. To the supervisor and head nurses returning from the Workshop was given authority to set up and try out a revised plan. Baker 7, Bulfinch 3 and White 5AC were the demonstration floors. As heretofore, lack of graduate nurse staff shaped the development of the plan, but two facts have been demonstrated; one, a new approach to the team plan was necessary at the MGH; two, supervisors and head nurses have tremendous potential to influence the trend of the nursing program as a whole, and are greatly stimulated when given opportunity to reach beyond their own patient areas.

The team plan is a method in which staff and activities are organized to meet the objectives for patient care. To succeed in this or in other methods of staffing there must also be constant effort to simplify methods and improve over-all ward organization and administration. Throughout the year the Committee on Nursing Practice has studied and revised current nursing procedures, and written new ones in a concise style more readily usable on the wards by all the members of the team. In the fall a nurse was selected for preparation in methods analysis. The coming year will, we hope, prove the value of concentrated study of ward practices, and the further application of the principles of work simplification to broad patterns of nursing care in addition to the individual procedures.

In the preparation of this report each supervisor and assistant director of nurses contributes a report for her wards or clinics. Certain statements reappear consistently from all units. Among the most persistent needs are: space for storage of equipment; space for recreation for patients; occupational and recreational

programs adapted to children and to the geriatric patients; increased emphasis on rehabilitative programs; a better discharge system which will improve preparation of the outgoing patient for discharge and help to improve the reception of the new admission; more and better patient education; increase in patient referrals to the Visiting Nurse services and the nursing homes; more psychological support for the nursing personnel as they deal with the long-term chronic and terminal patients; increased understanding of the roles of the nurse, the practical nurse, and the aide; space and staff for a 24-hour recovery room; and always the continuing need for more stable and better prepared nursing personnel for patient care, and more administrative assistance for the head nurses on wards which now have no authorization for assistant head nurses.

On the positive side these reports told of the spirit of the nursing staff, the readiness of the personnel to assume added duties and to work overtime when needed, the helpfulness of other Hospital departments, the time given by some Chiefs of Staffs and residents to study and plan with nursing for better patient care, and the understanding, support and assistance of the Hospital administration.

During the summer and early fall a new salary schedule was introduced for nurses. As a result vacancies in key positions for supervisors were filled, some staff nurses retained and others secured. The average number of full time staff nurses was 217.2 this year in contrast with 223 the previous year. As the number of beds open in the General Hospital in August exceeded any year since 1946 and as every building in the Hospital showed a gain in admissions during the year, it was urgent that the nursing staff be maintained without further loss.

The Nursing Service has continued to furnish opportunities for students in several areas of nursing education. For the MGH students added evening and night staff nurses have reduced assignment to these periods which interfere with class and study hours and for which the School provides no full time clinical teachers. Time was also absorbed by the nursing staff as a whole when the School granted holiday time comparable to the 10 holidays already in effect for employed personnel, and reduced the student night schedule to 40 hours. It is to be

expected that the School will test new patterns of student assignment for clinical experience. Any plan which reduces the number of students on the wards creates a dearth of hours for patient care for which the Nursing Service must compensate. Equally disturbing, though not always recognized by School, Hospital administration, or Medical Staff, is the confusion which results when numbers of students assigned are in excess.

Graduate nurse students have continued to come from Boston University for experience in nursing service administration, supervision, and special experience in patient care. The affiliation with the Household Nursing Association continues and gives promise of growth. From this school and other sources, licensed practical nurses have continued to come in increasing numbers, making their special contribution at the Baker and more recently in the Bulfinch. A new plan was introduced for nurses from abroad who wish to learn about nursing in America. The new plan provides six months of guided observation and nursing practice with sufficient time to observe both at the MGH and in other health agencies in the community.

The School of Nursing

The end of another year brings new opportunities to review programs and needs, and to reestimate the value of the School of Nursing to the Hospital and to the community.

In 1954-55 the School admitted 139 students in the two programs, the diploma program and the degree program conducted with Radcliffe College. In addition, 130 affiliating students were received for experience and instruction for periods of time ranging from three to fifteen months.

With one exception, the School has no problem in securing the number of applicants it can accept. For the September class there are approximately 500 applications from acceptable candidates. The School's facilities accommodate 90 in a single class. For the March class the number of acceptable applicants equals the number admitted, approximately 25-35 student nurses. Facilities in March would accommodate 50-60 students. No answer has been found after several years of concentrated effort to change this situation. High schools no longer graduate classes at the mid-year. Young women no longer can afford to

be idle for six months on a waiting list for a spring class. As a result of such an admissions program the School has in September excellent opportunities for selection, a low drop-out, and customarily a graduating class approximately equivalent to 126, the number graduated in 1954-55.

Many factors attract candidates to a school of nursing: the reputation of the Hospital and the School of Nursing; the recommendations of the medical staff and the success of the school's graduates; the contagious contentment of the enrolled students, who transmit their interest and enthusiasms to sisters, neighbors, and succeeding high school classes. The first two of these factors continue as in the past to be among the School's most valuable assets, but the public relations carried on by the enrolled students has grown to be an increasingly positive force in the School's success.

It is obvious that students in nursing, like other types of students, may easily be lost in a hospital whose services are constantly accelerating. To maintain the school at an optimum level requires that the purpose for which the student has enrolled not be obscured. Constant review of the program as a whole and individual courses in relation to the whole is essential. Classes must be kept small in order to provide good communications between student and teacher. The student must be helped to understand and appreciate the dynamic framework within which her learning is to occur. Responsibility for learning must be shifted in appropriate amounts and times from teacher to student. Subject matter must be integrated into larger and more meaningful blocks. Teaching and learning should be shifted more and more from the formal class room situation to the patient area. The over-all school program should be planned to help the student grow in professional responsibility, and simultaneously to create a relaxed, constructive atmosphere conducive to effective learning and normal, healthy living for the young woman.

The faculty and students have worked toward such objectives this year with generous assistance in the clinical areas from the Nursing Service. Instructors have participated more in the teaching on the wards to relieve the head nurse for her own special responsibilities in the patient care. Some class room teaching

has been replaced by ward clinics and conferences. Classes have been repeated to reduce the size of class groups. Three instructors, well prepared in the area of Public Health, now work with both students and teachers to strengthen the concepts of total patient care. Three instructors sent by the School to a Boston University seminar on science teaching have made noteworthy progress in a plan to integrate basic sciences, nutrition, and some of the fundamentals of nursing. The September preclinical students participated in a seminar under the direction of Doctor Pearl Rosenberg. To the new School form for evaluation of clinical practice a student committee has added a plan for self-evaluation. The student nurses and faculty shared leadership in planning and conducting an MGH Career Day for high school girls. Students went with faculty to speak on nursing in high schools. The Committee on Admissions with student nurse participation circulated information on the School to approximately 2000 high schools, and brought out a very creditable new edition of the School's catalogue.

Two major difficulties occupied a disproportionate amount of time. In 1954 the affiliation at the Boston Lying-in Hospital was reduced from 13 to 12 weeks at the request of several of its affiliating schools. For this School, which had operated on a quarterly rotation plan, this change was disastrous for both School and Nursing Service. Under this new plan the smooth flow of students from one experience to the next was interrupted, since each year has 4¼ rotations, and the admission of classes could not be moved forward an additional 4 weeks each year. A new plan which will permit better use of clinical facilities is underway.

The second major problem was one of space for class rooms. For several years the School has met its expanded needs by the use of two wings on White 9. Fortunately plans to move these class rooms to Domestic 5 were almost completed before polio came to White 9 in August. The large class room on Domestic 5 divided and remodeled now provides two reasonably good nursing laboratories which may at times be used for discussion classes. The School now has 2 science laboratories, 3 nursing laboratories, a small new diet laboratory, and 1 large class room. All other rooms must be shared with many other hospital and teaching groups. For a school averaging over 400 students this

is grossly inadequate. If student nurses were rightly assigned and taught, the Hospital could provide clinical experience for a larger school, and so provide more graduate nurses for a steadily growing need. No further expansion of enrollment can possibly be considered without additional space for teaching.

Much is said and written today about the costs of nursing education. Much is also said about the assignment of student nurses to carry the work of the hospital beyond the activities needed for learning. Both discussions are pertinent to a school such as this one which wishes to attract an ample supply of well-qualified applicants and to graduate well-prepared nurses whose appetite for patient care has not been dulled by satiation during the student program.

It was hoped that the 1954-55 report might include results of a cost study for the School. It is probable that such a report can be made in the coming year. The cost of the School is of course available from the Comptroller's office. The value of the School in terms of dollars is not available to offset on paper the cost figures.

Every school of nursing has two values. The first, which must be credited as a positive financial value, is a continuing supply of graduate nurses for the Hospital. The second, which must be kept in proper balance with the educational objectives of the School, is the student nurse service. To discuss the direct and indirect costs of the school without giving credit for the latter is to give a distorted financial picture. To expect students to return in service the full cost of the school is to set up barriers to a sound educational program which will attract applicants. To omit the value of an assured graduate nurse supply in estimating the school's return to the hospital is to discount the ultimate purpose for which the hospital finances and conducts a school of nursing.

The School of Nursing did its share with others during the polio epidemic. Students volunteered to work after hours on the respirator ward and in the Baker Memorial. Preclinical students contributed their mites, and gained new impetus for a nursing career as they went to the non-infectious wards to feed the children. Ten students in August and ten in November

volunteered to delay their psychiatric affiliation in order to swell the numbers of personnel available. Instructors volunteered at the Children's Hospital until the MGH felt the impact of the epidemic and then gave evening hours as staff nurses or ward instructors as they were needed. Some graduating students in the September class rearranged work schedules to stay on to help over the very difficult period in early September. Instructors replanned the fall schedules to delay the entering class until the second week in September in order that more assistance might be given.

Only one significant change occurred in the housing of the student group. For the first time since the war one house, 17 Parkman Street, has been set aside for the 19 men students affiliating from the McLean Hospital School of Nursing.

Since 1938 Miss Nancy Fraser, MGH 1914, has been synonymous with student health. Seldom until a student was isolated with a sore throat or discouraged over a slow convalescence did she really know Miss Fraser, but the never failing daily visit, the extra evening call, the squeeze of the hand as the anesthesia took hold will always be remembered by hundreds of former MGH student nurses. After 41 years of service to the Hospital and the School of Nursing Miss Fraser has now retired and her going has left a void we shall be slow to fill.

Nursing in Boston and throughout the country continues in short supply. As the country's population grows the number of students admitted to schools of nursing should be increased in the same proportion. This will require a rapid increase in the number of prepared teachers. Clinical facilities for education must also be used to optimum advantage. For this there must be a similar increase in prepared supervisors. Every hospital and school of nursing must take more responsibility for preparing and maintaining its own adequate supply. To this end the Nursing Department has secured on an exchange basis with Boston University 19 one-course scholarships this year. This is a small but positive step to meet our need. More scholarships and opportunities for full time study must be planned by the Hospital if our staff is to meet our future need.

Members of the Nursing Department have as usual carried

their share of volunteer work outside the Hospital. They went to help at the Children's Medical Center before polio came to MGH; three assisted with an institute for nursing homes; one attended the State Workshop for Teacher Trainers in the Aide Training Program. They served on local committees on aide training, student nurse recruitment, and on the Task Force of the Advisory Committee to the Legislative Research Council studying the proposed Nurse Practice Act of 1955-56. They chaired the Committee on Patient Education of Greater Boston, the Steering Committee for Nursing Service and the Council of Baccalaureate and Higher Degree Programs of the State League for Nursing, the Board of Directors of the Central Directory for Nurses of District #5 of the State Nurses' Association, the Board of Directors of the Nursing Council of United Community Services, and the West End Neighborhood Council. They served with the National League for Nursing as Board Members, as Chairman of the Biennial Program Committee, as Chairman of the Steering Committee on Nursing Service, and as Advisor to the National Student Nurses' Association. Internationally, one member of the Department participated in seminars on hospital and nursing administration in three South American countries, and one, Miss Katherine Hardeman, Supervisor of Clinical Instruction, was loaned for two years to go to Pakistan under the U. S. International Cooperation Assistance Program to help to establish a program for teachers of nursing.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Report of the Social Service Department

"SOCIAL SERVICE 1955—The Year of Jubilee." One longs for a characteristically Richard Cabot title for the report of the Department this year. It should be something akin to the way in which he vividly expressed the status of Social Service at M.G.H. beginning with his first annual report entitled, "Social Service Permitted" and moving in 1919, with the official acceptance of the Department by the Trustees, to "Formerly a Territory, Now a State." Not one of the over six hundred persons attending the three-day celebration of Fifty Years of Social Service held here in October, 1955, could doubt that we had moved far beyond permission and acceptance to become an integrated part of the Hospital service, which warranted a whole-hearted, hospital-wide celebration or jubilee, as our British friends aptly called it.

Starting on Alumnae Day with a prepared historical review the program moved through workshops and meetings, which presented and evaluated present practice in service, teaching, research and administration, to a climax in the Trustee-sponsored dinner at the Harvard Club, attended by over four hundred and fifty friends and associates and addressed by Professor Elliott Dunlap Smith, and in the closing session's brilliant and challenging paper given by Harriett Bartlett—a paper which pointed to the responsibilities that lie ahead for the pioneers of the next fifty years. All attending were inspired and justly proud but also humbled and far from complacent or at ease as we envisioned the tasks lying ahead in the future development of Social Service in the present day concepts of comprehensive and preventive medical care.

It is fitting that this report record the expressed gratitude of the Department and the over six hundred guests to the many who made a celebration of such quality and deep satisfaction possible. To the Trustees, the Cabot Trust, the Administration, the Advisory Committee, literally every department of the Hospital, the Volunteers, the all important Anniversary Committee and the many sub-committees, the program participants, and friends who came or sent greetings from all corners of the

world, we are deeply grateful. Special mention should be made of the breath-taking beauty of the orchids and other exotic flowers flown in for the occasion by our colleagues in Hawaii in such profusion that no event and no individual in attendance went undecorated. The remark made by many of the guests, "this could only happen here," expressed their true understanding of the spirit of the M.G.H.

Polio Service

Another outstanding event of 1955 was the unforgettable, haunting picture of over four hundred polio patients cared for during the epidemic, for whom the Department assumed its role in service. Coming at a time of vacation, staff shortage and the anniversary we were pressed as were all others to fulfill our goal of one hundred percent coverage of all patients and their families. Under the direction of Janet MacPherson a polio office was established, through which all plans for coverage, referrals and service were channelled. Many of the staff participated directly, while others relieved their colleagues to permit them to give more time to polio patients. We were particularly grateful for the loan of Miss Margaret Corey from California by the National Foundation for Infantile Paralysis for three months, October through December. The days of the actue epidemic were heartbreaking and hard, but for the social workers the real tasks have only begun. In the months and years that lie ahead the staff will be giving service and support to patients and families as they face each new step in convalescence, rehabilitation or adjustment to permanent disability. For these patient continuity of help and established confidence will mean that the same workers will continue to carry this accumulative case load along with the current, pressing new referrals of the day-by-day regular services.

Regular Casework Services

While the traditional social casework services have continued much as usual, several factors in changing hospital practice and policy have affected these services in quantity, type and pressures. The increasing hospital emphasis on rehabilitation and long-term supportive treatment have resulted in referrals which require the establishing of a continuing relationship with patients, thus building an accumulative caseload for workers.

Long-term rehabilitation plans and adjustments to chronic illness or severe handicap are not accomplished in a matter of days or weeks when long-established patterns of living are changed. Such adaptation requires time and confidence in both the doctors and the social worker who assist the patient and his family in such major social adjustments. Because of the continuing high occupancy of hospital beds, understandable pressure for early discharge does not always permit time to understand life situations and establish this confidence to assist patients in making acceptable changes.

The open-door policy and the admitting of many patients brought in by the police have brought in the Overnight Ward and also on the Medical and Neurological Wards a certain group of patients who present unfortunate and seemingly irreversible social pathology. There has been increased referral of patients where chronic alcoholism is a problem. In addition they and many others are often homeless, friendless, isolated persons whom the Hospital has accepted for immediate treatment only but has little constructive to offer medically in the chronic problem and, therefore, quick discharge plans are desirable. For these patients Social Service and the community at present also have little to offer in constructive social help, yet they cannot just be turned out the front door without diagnostic evaluation as to what can be done palliatively if not in rehabilitation.

A new problem of worker availability has been created by the increase in afternoon clinics. This need to be available to receive clinic referrals all day and yet to interview patients and families, make home visits, contact agencies, attend rounds, and write letters and records mean that workers are pulled in many directions at once. Even with the most careful organization of time, anxiety and pressure are present. One patient referred may mean several clients for the social worker as she also assists members of the family in their adjustment to the patient's illness. Often one helps the patient most through service to family members whose actions and attitudes so closely affect the way the patient meets his problem.

Psychiatric Service

Under the able leadership of Miss Sylvia Perry, Supervisor,

the Psychiatric Social Service has increased its service and teaching facilities. With an enlarged and more experienced staff, we have been able to take six social service students this year instead of the previous four. Service to patients on the wards has developed with more staff time available. Teaching of medical students and clinical psychologists has been added as new training programs were initiated in the Department of Psychiatry. Research with patients with arthritis, asthma and two or more psychosomatic illnesses has continued as well as the contribution of the social worker in the Alcoholic Clinic, which has added to the study aspects of this service program.

Baker Memorial and Phillips House

This unique Service, so well carried by Miss Duguid until her retirement a year ago, was fortunate to have Miss Dorothy Kellogg available for special assignment there. Over four hundred and fifty patients from Baker were referred by their doctors as part of medical planning. An average of five monthly referred from Phillips House and an additional group referred by our medical staff from their office practices for consultation have made up the increasing services to private patients. To quote from Miss Kellogg's report: "The facts of drastic adjustment and the need for appropriate supportive interest are corollaries in instances such as terminal illness or in giving up a beloved apartment for the requirement of nursing home care." About seventy-five patients from Baker and Phillips House were sent to Storrow House this year. That unit under the direction of Miss Elizabeth Welsh, a competent nurse dedicated to the interests which Storrow House represents, needs strong support from the Hospital Administration and doctors in helping to meet convalescent needs imaginatively and constructively. Its potential as an extension of the Hospital can meet a very real need in the community. When the best in convalescence is possible, we can hardly be content with less.

Staffing

This year has been marked by high turnover and staff shortage. For practically the whole year we have been short three and sometimes four workers. While some of the vacancies have been filled by part-time, temporary workers and case aides, this has been most unsatisfactory. The average monthly

Department case load of 1,418 was slightly lower than the 1,538 in 1954 and slightly higher than 1953 with an average of 1,408, but it has been carried by less staff and by workers new and unfamiliar with the Hospital. This meant that in a year of increased pressures and demands we have had to hit high spots, knowing that quality and adequacy of coverage demanded much more. Attempts have been made to utilize appropriately case aides and secretaries, but this has not filled the gaps. Great appreciation and credit are due the supervisors who have supported the loyal staff carrying the burden and, in spite of fatigue and frustration, maintaining service. The actual shortage of social-work personnel presents real problems in recruitment and training. With the growing trend toward special research and training projects, workers are drawn to these newer and greener fields where pressures are less and salaries higher.

Joint Planning with Administration

We are grateful to Miss Ruth Farrisey and Miss Thelma Cogswell who have worked with us in looking at certain administrative services which in some instances we can share jointly and in other instances can be more appropriately transferred to Administration. An example of such cooperative planning is the reorganization of the Amputation Rounds and Clinic with Mrs. Marian Hodges, a case aide, as clinic coordinator working with Miss Cogswell and Social Service to see that specific reports, appointments and medical recommendations are carried out.

The taking over by Admitting Officers of the ancillary costs of braces and other items purchased within the Hospital for clinic patients has meant more immediate and efficient handling than when social workers were called to take care of these, after admitting officers had already interviewed patients and adjusted payments for other items of medical service.

The establishment of the Public Agency Correspondence office under the joint supervision of Miss Farrisey and Miss Barbour has been a first move toward the looked for Welfare Unit Office, mentioned in last year's report, to coordinate the multiple departments' contacts with public agencies in behalf of their clients.

Teaching

This year the Department has participated in the field training of thirteen students from three schools of social work — Boston University, Simmons College and Smith College. Two teaching sessions were given here to the large first year social service classes of Boston University and Simmons. A new project this year is a joint one with Boston College and Simmons College Schools of Social Work in the establishing of a training center in rehabilitation. The Massachusetts Eye and Ear Infirmary and The Bay State Medical Rehabilitation Clinic are also cooperating. Under a Federal grant for training in rehabilitation Miss Mildred Alexander is supervising this project for the two schools and the agencies with her headquarters here in our Social Service Department. Two students on rehabilitation training scholarships are assigned here under Miss Alexander. It is hoped that material and facilities for training particularly oriented to rehabilitation can be developed and expanded in this center under this joint project for the coming years.

This fiftieth year has been in many ways a trying one because of pressures and shortages, but also has been one filled with deep joy and gratitude for the Fiftieth Anniversary Celebration and the whole-hearted support which has been afforded the Department by the Administration and other professional colleagues. The heritage and accomplishments of the many who have built firmly in these past fifty years places a real responsibility to press forward to meet as magnificently as they did the requirements of this rapidly changing and developing service in medical care.

JOSEPHINE C. BARBOUR
Chief of Social Service

Report of the Dietary Department

IT was gratifying to measure progress in the Dietary Department during 1955 because several objectives cited the previous year materialized in the twelve-month period.

The 1955 edition of the *Diet Manual* was received and distributed. A continued increase in house counts was paralleled by the modified diet census. This was evidenced in each area of patient service: 58% of the dietary instruction in the Nutrition Clinic was for weight reduction; in Vincent-Burnham the increased use of X-Ray and radium therapy was reflected in a sharp rise in the use of the high protein diet; the low sodium and gastric regimes continued high in an analysis of diet prescriptions; and the use of low calcium diet was accelerated as the polio patients progressed from intravenous feedings to a modified house menu, high in protein and fluids, moderately low in carbohydrates and fat and very low in calcium.

Revised procedures on the Baker Memorial and Vincent-Burnham floors were inaugurated with the use of a Kardex system which resulted in more efficient lines of communication in those detail areas of patient service. A change in the clinic appointment pattern resulted in more referrals to the Nutrition Clinic and has provided for greater elasticity in nutrition services.

Construction for the new central dishroom for the cafeterias in the White Building was begun in September after the salad room had been moved to the unused area between the kitchen and East corridor. Newly constructed work tables, utility tables and the dual-door refrigerators have made that unit increasingly efficient. In the Baker Memorial kitchen reconstruction on the West wall was necessary, and a new ventilating system was installed as the Medical Science Building neared completion.

Many of the procedures inaugurated in 1953 and 1954 were continued. The direct purchasing pattern was expanded to include the ever-increasing amount of frozen foods used by the Dietary Department; and in-service education through additional study groups was continued in Work Simplification classes.

There were twenty-three interns enrolled in the School of Dietetics. Their course of study has been continually modified to meet the changing demands in each area of our service and has required a revision of the internship brochure.

At the end of this year our attention is directed to areas of education. We are interested in the continuance and expansion of an in-service training program, staff education, and an integrated student pattern. We trust that this year's achievements may serve as a basis for accomplishment in 1955-1956.

LOUISE HATCH
Director of Dietary Department and School of Dietetics

Report of the Volunteer Department

THE Volunteer Department of the MGH has been in existence since 1941, however, volunteers have served many years prior to this date.

They assist by (1) supplementing the activities of the regular Hospital staff by releasing professional personnel from duties that do not require professional training, thus increasing effective and broadening service to the patient; (2) augmenting services to staff and patients which would otherwise be impossible through the routine program and budget of the Hospital; and (3) furthering the public relations of the Hospital through the message which an active, informed and satisfied volunteer will carry to others.

Throughout the years there has been an increasing request for volunteer services by the Staff. The following table of comparative statistics shows this development.

Year	*Number of Volunteers*	*Hours*	*Areas*
1916	70	12,050	4
1938	85	12,835	7
1950	497	45,180	18
1955	575	50,704	30

The following educational institutions referred volunteers to MGH: Harvard University, Radcliffe College, Boston University, Simmons College, Bouve-Boston School, Wellesley College, Wheelock College, Fisher Junior College. Other volunteers come from Boston Chapter American Red Cross, Junior League of Boston, Inc., and groups and organizations within the Hospital.

With the reorganization of this Department during this fiscal year the following changes were introduced (1) an indoctrination program for all new volunteers; (2) the expansion of day and evening services; (3) a program for pre-medical students through the Phillips Brooks House General Hospital Program which has been one of the most stimulating highlights of the year.

From June through September when the polio epidemic was at its height volunteers contributed 15,854 hours of service.

My thanks and appreciation to the Trustees, Personnel, and Volunteers for the cordial reception given me.

MARY RUTH WOLF
Director
Volunteer Department

Report of the Treadwell Library

EARLY in the year the Administration decided to house the patients' records to the turn of the century in the Treadwell Library vault again and the Treadwell Library Committee decided to have the vault painted at the time of this relocation of records.

In order to make space for the records, certain material had to be taken from the vault. The staff reprints, used for filling requests for items listed in the *Publications of the Staff,* were moved to the Record Room where they will be handled by someone to be appointed by the General Director. Extra copies of the Ether Day Addresses, from 1894 to 1939, were packaged separately for each author in as dustproof a way as possible and marked. Other items of hospital interest were packaged and marked in the same way. These with extra copies of the Annual Report of the Hospital from 1838 to 1952 were listed and sent to Storrow House in Lincoln for dead storage. A record of all items sent for storage has been compiled and is on file in the Treadwell Library.

The books on all the wall shelves in the vault had to be packed in boxes, the shelves taken down, the walls washed and painted, the shelves washed and replaced and, finally, the books reshelved. This work has been done in three sections over a period of many months, having to be interrupted because of the extra work required of the Housekeeping and Maintenance Departments for the care of poliomyelitis patients.

In January 1955 the Library Committee decided to convert the Smoking Room into a book room which would house the most recent textbooks and monographs — the older books being placed on the third tier. This will leave the stacks on the floor of the Library free for periodicals only and should be vastly more convenient for the regular readers and less confusing for those using the library infrequently.

The Library Committee also requested that a visible index of periodicals be furnished for the Library, which would include the holdings of all departmental libraries in the Hospital. The index has been secured and the listings will be completed when

the daily work is less heavy or more help is secured. The Librarian has requested more help to proceed with this project as well as to complete the rearrangement of the third tier to make it uniform with the second tier; to finish checking the original Treadwell Collection, which was started during World War II; to index recent acquisitions for the Ether Collection, to house the collection in folders for preservation, to search the literature for all items pertinent to the ether controversy and try to secure items which are not included in the collection. The Librarian is also desirous of having the shelf list read every year.

During the year the third tier, which has always been kept locked, was opened to readers because of the ever increasing demands to browse through long runs of journals, or to secure items from that tier in the evenings or on Sundays and holidays when a librarian is not in attendance. The appreciation shown by readers for having the material on this tier available at all times has been most gratifying in spite of the fact that the rearrangement of volumes has not as yet been completed.

This year the Harvard Medical School has shortened the length of time for its interlibrary loans to one week and the Boston Medical Library is taking only one emergency request a day over the telephone. Our readers are gradually adjusting to these new regulations.

Again we are extremely grateful to all who have sent books and journals to the Library. The journals are especially useful now that the Library is keeping a duplicate set of some of the more popular periodicals. We are also greatly indebted to the following authors for copies of their books: Dr. Nathaniel W. Faxon, *A History of the Society of Medical Administrators and Medical Superintendents Club,* 1920-1955; Dr. George W. Holmes and Dr. Laurence L. Robbins, *Roentgen Interpretation;* Dr. Joe V. Meigs, *Surgical Treatment of Cancer of the Cervix;* Dr. James C. White and Dr. William H. Sweet, *Pain. Its Mechanisms and Neurological Control;* and Dr. Paul D. White, *Clues in the Diagnosis and Treatment of Heart Disease.*

The statistics follow:

	1955	*1954*
Number of periodical volumes	11,519	11,198
Number of other volumes	8,692	8,671
Number of pamphlets	7,504	8,007
Number of periodical subscriptions	220	223
Number of volumes loaned	8,770	8,556
Number of unbound periodicals loaned	2,417	2,378
Total number of loans	11,187	10,934
Number of items borrowed from other sources	2,835	2,932
Number of persons using library during days	28,704	27,706
Number of persons using library during evenings	2,793	2,770
Total number of persons using library	31,497	30,476

ELEANORE ASHTON LEWIS
Librarian

Report of the Warren Library

THE increasing interest of the hospital staff in professional and adult education classes has been reflected in the increased use of the Library for reference materials and study facilities during the past year. The inadequacy of materials with which to meet this demand is a constant challenge to staff and student alike.

The Library has had several referrals of patients from the Bay State Rehabilitation Clinic to the Library during the past year. Patients referred to us from this clinic perform clerical tasks. The results are of mutual benefit to the patient and to the Library.

The great generosity of friends of the Library in contributions of magazines has made it possible to supply waiting rooms throughout the Hospital with reading material. Our thanks go to Mrs. Lucy Barrie for her assistance in distributing them to the Clinic waiting rooms.

The library staff wishes to extend again our thanks to Mrs. Alsung Lund who has volunteered for a third year in Warren Library for her gracious willingness to help us in times of need.

The Librarian would like to extend thanks to the members of the Ladies' Visiting Committee for their many efforts in our behalf during the past year and to all who have been so extremely generous to the Library during the year with their gifts of books and magazines. This generosity has made possible to a great extent our ability to find the right thing at the right time for our many patrons.

The statistics for the year are as follows:

	1955	*1954*
Volumes issued to patients in General	16,822	16,126
Volumes issued to patients in Baker	16,652	16,562
Volumes issued to Personnel	13,684	16,562
Total volumes issued	48,994	43,647
Showing an increase of	5,347	
Total number of foreign books issued	1,642	1,341
Total number of magazines issued	14,204	10,982
Total number of juvenile books issued	2,169	2,195
Total readers for the year	14,914	16,680

KATHLEEN SERGOTT
Librarian

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarshops, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation considered worthy of a premium on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1956 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D.
General Director

Statistical and Comparative Tables

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1946.....	1,671,180.	466,732.	502,348.	1,176,624.	684,093.*	4,500,977.
1947.....	1,788,631.	533,661.	646,086.	1,393,308.	848,320.*	5,210,006.
1948.....	2,039,483.	609,577.	732,721.	1,714,275.	1,175,131.*	6,271,187.
1949.....	—	—	—	—	—	7,300,335.
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431.	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.
1953.....	3,064,151.	887,828.	907,984.	2,084,635.	2,788,945.	9,733,543.
1954.....	3,168,890.	1,012,659.	1,006,092.	2,407,785.	3,229,039.	10,824,465.
1955.....	3,575,242.	1,008,501.	1,042,335.	2,512,596.	3,473,377.	11,612,051.

TOTAL ACCRUED EARNINGS

1946.....	718,392.	296,074.	570,422.	1,133,603.	443,731.*	3,162,222.
1947.....	924,913.	390,984.	669,825.	1,342,783.	551,456.*	3,879,961.
1948.....	1,151,401.	438,381.	817,177.	1,708,511.	675,161.*	4,790,632.
1949.....	1,195,444.	479,556.	907,691.	1,863,333.	933,339.*	5,384,363.
1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677.	6,941,796.
1953.....	1,922,424.	599,384.	1,165,987.	2,476,787.	1,410,630.	7,575,212.
1954.....	1,958,527.	648,324.	1,177,469.	2,638,040.	1,512,106.	7,934,466.
1955.....	2,357,868.	645,829.	1,235,431.	2,718,253.	1,700,183.	8,657,564.

STATEMENT OF STOCK ON HAND

	Oct. 2, 1955	*Oct. 3, 1954*
Total Stock on Hand October 2, 1955 and October 3, 1954 respectively	$586,857.12	$647,391.63

* This represents Emergency Ward, private ambulatory, research, and non-patient earnings

GENERAL HOSPITAL

(Does not include Phillips House, see page 118, or Baker Memorial, see page 118)

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1946	7,227	135,824	18+ "	4,324
1947	7,594	124,203	17— "	4,579
1948	7,390	126,554	17+ "	5,339
1949	7,694	125,830	16+ "	5,259
1950	7,370	123,711	17— "	5,413
1951	7,232	115,904	16— "	4,885
1952	10,547	118,120	11+ "	4,793
1953	10,698	127,337	12— "	5,639
1954	10,521	127,496	12+ "	7,052
1955	11,586	141,585	12+ "	6,868

GENERAL STATISTICS

Patients in Hospital:	*Oct. 4 1955*	*Oct. 4 1954*	*Oct. 4 1953*
Medical	168	154	117
Surgical	161	172	161
Children	17	25	30
Total	346	351	308

Patients admitted during year:	*1955*	*1954*
Medical	4,825	4,168
Surgical	6,013	5,729
Children	748	624
Total	11,586	10,521

Patients discharged during year:		
Against advice	25	51
Died	680	582
Otherwise discharged	10,822	9,876
Total	11,527	10,509

Patients' day treatment:

(Reckoned from discharge rates)	*1955*		*1954*	
Paying patients	89,199	(63%)	80,323	(63%)
Part-paying patients	46,723	(33%)	43,349	(34%)
Free patients	5,663	(4%)	3,824	(3%)
Total	141,585	(100%)	127,496	(100%)

	1955	*1954*
Net income, General Hospital	$2,357,867.61	$1,958,526.96
Total number of patient days	141,585	127,496

	1955	*1954*
Average number of patients per day	389	350
Number of beds available	461	451
Percentage of beds occupied	84.3%	77.5%
Autopsies	69%	71%
Per capita earnings (excluding special nurses)	16.65	15.36
Per capita earnings on special fees	7.78	5.68
Per capita cost of foods, patients only	.82	.81

HOUSE PATIENTS

Residences

	1955	*1954*
Boston	4,274	3,864
Metropolitan Boston	5,141	4,630
Massachusetts (except Metropolitan Boston)	1,832	1,706
Outside of Massachusetts	339	321
Total	11,586	10,521

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Net Receipts
1946	14,100	9.68	136,481.50	40,318.89
1947	15,661	9.22	144,537.00	67,497.00
1948	16,713	10.51	175,654.00	85,942.00
*1949	15,822	3.54	56,026.21	15,322.46
*1950	15,335	6.15	94,348.29	15,151.30
*1951	18,449	7.94	146,576.74	47,978.23
*1952	20,243	8.16	165,108.60	71,149.46
*1953	21,231	9.02	191,442.62	86,891.65
*1954	21,216	10.28	218,048.23	108,598.63
*1955	25,027	10.35	258,960.48	132,560.99

*Overnight Ward excluded

COMBINED CLINICS

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1946	21,678	237,630	787—	123,293
1947	21,448	229,095	758+	116,040
1948	23,051	233,135	769+	109,993
1949	19,179	206,826	683—	109,050
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959
1953	14,955	176,587	585	114,859
1954	15,226	181,774	602—	121,424
1955	14,577	187,747	622—	126,067

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Net Receipts	Aver. Daily Net Receipts	MGH Share of Net Receipts
1946	660,410‡	466,732‡	2.78+‡	448,278	1.89	296,074
1947	760,330‡	533,661‡	3.32—‡	570,294	2.49—	390,984
1948	860,608‡	609,577‡	3.69+‡	650,158	2.79—	438,380
1949	1,034,253‡	753,983‡	5.00+‡	696,044	3.37	479,556
1950	940,238‡	645,898‡	4.80+‡	697,505	3.56	477,294
1951	911,217‡	710,433‡	4.96+‡	676,259	3.68	441,982
1952	918,728‡	726,900‡	5.17+‡	697,498	3.93	484,020
1953	943,852‡	779,549‡	5.34+‡	645,901	3.66	489,568
1954	1,069,175‡	888,492‡	5.88+‡	671,304	3.69	517,888
1955	1,088,976‡	889,033‡	5.80+‡	685,386	3.65	527,948

‡Funds contributed by outside individuals or foundations for research, or for any other purposes for which the hospital would not have appropriated funds, have been deducted.

	New Patients		Subsequent Visits	
	1955	*1954*	*1955*	*1954*
Medicine	1,471	1,370	18,730	19,709
Alcohol	21	55	688	537
Allergy	13	21	8,286	7,730
Anemia	0	0	324	403
Arthritis	10	5	1,101	1,226
Diabetes	3	0	1,904	2,143
Gastro-Intestinal	0	0	1,148	1,346
Cardiac	20	16	994	876
Hypertension	0	0	568	828
Nutrition	0	0	511	518
Ovarian Dysfunction	14	14	485	472
Pulmonary	2	5	578	685
Rheumatic Fever	6	2	727	717
Thyroid	3	3	2,593	2,694
Dermatology	945	1,084	9,201	9,041
Syphilis	27	42	2,674	2,639
Neurology	300	353	6,436	6.052
Language	3	6	3,880	3,303
Psychiatry	262	234	2,733	2,424
Child Psychiatry	30	27	2,383	2,009
Children's Medicine	904	797	5,202	4,949
Adolescent Endocrine	17	13	450	440
Surgery	442	518	12,669	11,753
Fracture	9	9	2,830	2,754
Hand	17	21	181	131
Plastic Surgery	3	11	134	205
Rectal Surgery	2	4	418	484
Vascular Surgery	5	8	439	534
Gynecology	207	188	3,347	2,944
Orthopedic Surgery	554	625	7,903	8,020
Infantile	2	7	312	351
Scoliosis	2	3	127	155
Urology	145	169	3,649	3,608
Stone	1	0	248	195
Dentistry	267	237	4,015	3,737
Tumor	332	400	9,493	9,328
General Hospital Clinics	6,039	6,249	117,361	119,847
General Hospital Totals	6,039	6,249	117,361	119,847
Ear, Nose and Throat	3,174	3,132	19,790	17,589
Eye	5,364	5,845	36,019	35,361
Eye & Ear Infirmary Totals	8,538	8,977	55,809	52,950
Combined Out-Patient Department Totals	14,577	15,226	173,170	172,797

	1955	*1954*
Total Attendance	187,747	188,023

PHILLIPS HOUSE

	No. Patients Admitted					Total	Aver. No.	No. of
	Med.	Surg.	Obstet.	Total	†Births	Patients' Days Treatment	Days in Hospital	Operations
1946....	521	1,280	261	2,062	242	31,469	15—	1,456
1947....	529	1,391	390	2,310	356	31,191	13+	1,580
1948....	626	1,406	245	2,279	229	28,927	13—	1,445
1949....	749	1,326	182	2,257	162	27,940	12+	1,327
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414
1953....	1,096	1,600	0	2,696	0	30,121	11—	1,414
1954....	1,134	1,482	0	2,616	0	30,736	11+	1,312
1955....	1,168	1,528	0	2,696	0	32,266	11+	1,153

	1955	*1954*
Average number of patients per day	88+	84+
Number of beds	103	94
Percentage of beds occupied	84.9%	88.5%
Autopsies	72+%	69+%
Gross per capita earnings, excluding special nurses	38.29	38.31
Net per capita earnings on special fees excluding board and special nurses	13.69	12.43
Per capita cost of raw food, patients only	1.74	1.73

BAKER MEMORIAL

	No. Patients Admitted					Total	Aver. No.	No. of
	Med.	Surg.	Obstet.	Total	†Births	Patients' Days Treatment	Days in Hospital	Operations
1946....	1,477	4,237	925	6,639	774	98,072	15—	4,189
1947....	1,380	4,316	954	6,650	882	91,874	13+	4,136
1948....	1,401	5,085	826	7,312	717	98,663	13+	5,347
1949....	1,475	5,094	543	7,112	446	83,783	11+	5,158
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875
1953....	1,848	5,845	*226	7,919	0	93,496	11+	6,233
1954....	2,144	5,826	*250	8,220	0	98,461	11+	4,765
1955....	2,342	5,753	*285	8,380	0	96,211	11+	4,588

	1955	*1954*
Average number of patients per day	264	273
Number of beds available	314	314
Percentage of beds occupied	84.7%	86.2%
Autopsies	58%	58—%
Gross per capita earnings, excluding special nurses	28.25	26.29
Net per capita earnings on special fees excluding board and special nurses	11.45	9.02
Per capita cost of raw food, patients only	1.07	1.09
Average professional fee per patient	128.35	141.99
Average Hospital charge per patient	369.57	370.19
Average Hospital charge per patient, including professional fees, but excluding special nurses	473.96	487.09

*Children's Medical.

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences

	1955	1954
Boston	1,809	1,758
Massachusetts (except Boston)	5,367	5,227
Maine	156	125
New Hampshire and Vermont	298	319
Rhode Island and Connecticut	329	336
New York	127	176
Other States	204	227
British Provinces	3	14
Other Foreign Countries	87	38
Total	8,380	8,220

Combined Statistics for all Units for 1955

	General Hospital	Baker Memorial	Phillips House	Total
Number of patients admitted	11,586	2,697	8,380	22,673
Number of patient days	141,585	32,266	96,211	270,062
Number of operations	6,868	1,153	4,588	12,609
Average number of patients	389—	88+	264+	741

RADIOLOGICAL DEPARTMENT

General Hospital

	1955	1954
House patients examined	14,353	11,713
Out-Patient Department patients examined	15,973	15,704
Emergency Ward patients examined	7,762	7,649
Total number patients examined	48,684	35,066
X-ray treatments given	9,345	8,482
Total number patients examined and treated	58,029	43,548

Phillips House

	1955	1954
House patients examined	2,956	2,935
Private patients examined	629	667
Total number patients examined	3,585	3,602
X-ray treatments given	1,326	1,065
Total number patients examined and treated	4,911	4,667

Baker Memorial

	1955	1954
House patients examined	9,771	8,887
Private patients examined	3,145	3,270
Total number patients examined	12,916	12,157
X-ray treatments given	8,207	7,756
Total number patients examined and treated	21,123	19,913

Entire Hospital (Combined Statistics)

	1955	1954
Total number patients examined	65,185	50,825
Total number treatments given	18,878	17,303
Total number patients examined and treated	84,063	68,128

Radium Therapy

Treatments given:	*1955*	*1954*
General Hospital (including Eye and Ear Infirmary)	231	189
Phillips House	27	13
Baker Memorial	32	45
Total number treatments given	290	247

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	*1955*	*1954*
Out-Patient Department	3,081	5,566
General Hospital (including Eye and Ear Infirmary)	8,539	8,040
Phillips House	820	1,010
Baker Memorial	3,348	3,289
Private ambulatory patients	2,903	2,236
Total treatments given	18,691	20,141

Occupational Therapy

Treatments given:	*1955*	*1954*
Out-Patient Department	440	259
General Hospital	10,106	10,484
Phillips House	73	154
Baker Memorial	721	856
Private ambulatory patients	232	282
Total Treatments given	11,572	12,035

SCHOOL OF NURSING

	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955
Average No. of Graduates on General Hospital Staff	2	140	159	181	195	195	213	203	220	187
Average No. of Graduates on Baker Memorial Staff	75	82	87	94	97	86	79	74	80	60
Average No. of Graduates on Phillips House Staff	49	57	57	61	57	56	56	54	55	55
Average No. Accepted Pupils	378	268	213	214	268	292	293	286	282	286
Average No. Preclinical Students	38	49	62	76	75	87	93	83	71	72
Average Total	682	596	578	626	692	716	734	700	708	625
Total No. Preclinical Students Admitted	110	117	135	138	140	158	150	133	143	139
Preclinical Students Dropped and Resigned	22	29	42	20	19	27	19	20	28	21
Accepted Pupils Dropped and Resigned	43	12	8	4	4	21	20	14	6	14
Total Dropped and Resigned	65	41	50	24	23	48	39	34	34	35
Average No. of Graduates on General Hospital Staff—*Part time	10	13	14	15	14	11	7	8	11	11
Average No. of Graduates on Baker Memorial Staff—Part time	6	6	7	9	6	4	8	5	12	8
Average No. of Graduates on Phillips House Staff—Part time	17	13	10	8	7	6	3	4	6	9
Total Part time graduates	33	32	31	32	27	21	18	17	29	28

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1955	*1954*
Total Number of In-Patient Days	270,062	256,693
Total Income	$8,657,564.16	$7,934,465.64
Deduct Non In-Patient Income:		
Other Income	1,814,138.31	1,519,945.47
Out-Patient Department	483,809.48	496,047.50
Emergency Ward	129,752.51	103,088.41
Private Ambulatory	160,502.91	171,921.79
	2,588,203.21	2,291,003,17
Total In-Patient Income	$6,069,360.95	$5,643,462.47
Income Per In-Patient Day	$22.47	$21.99
Total Expenses	$11,612,051.43	$10,824,465.04
Deduct Non In-Patient Expense:		
Non-Operating & Research	2,028,497.60	1,764,053.41
Non-Patient	1,019,019.96	1,067,817.85
Out-Patient Department	889,033.09	888,491.95
Emergency Ward	258,960.48	218,048.23
Private Ambulatory	158,198.20	172,470.93
	4,353,709.33	4,110,882.37
Total In-Patient Expense	$7,258,342.10	$6,713,582.67
Cost Per In-Patient Day	$26.88	$26.15

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1946 TO OCTOBER 2, 1955

	General Hospital												Out-Patient Department		Phillips House						The Baker Memorial						
		Patients Admitted					Deaths									Deaths						Deaths					
Year	Total Admitted	Paying Board Full Time	Paying Board Part Time	Free	Number Pay Days Treatment	Number Free Days Treatment	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average		New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	
1946	7,227	5,800	656	771	58,358	77,466	359	4.97	448	274	372	+	21,678	237,630	2,062	60	2.90	97	63	86	+	6,639	164	2.46	305	217	272	−
1947	7,594	5,589	1,263	742	66,499	60,204	417	5.49	380	268	342	+	21,448	229,095	2,310	57	2.47	96	55	85	+	6,650	178	2.68	298	210	251	−
1948	7,390	5,090	1,709	591	71,427	55,127	473	6.40	385	241	344	−	23,051	210,084	2,277	67	2.94	96	46	79	−	7,312	192	2.48	319	189	268	+
1949	7,694	5,262	1,823	609	62,819	64,011	468	6.51	395	231	348	+	19,179	206,826	2,257	55	2.44	95	40	77	−	7,112	181	2.54	300	126	230	+
1950	7,370	5,338	1,629	403	108,163	14,095	481	6.52	381	238	340	−	16,590	195,849	2,494	72	2.88	76	37	79	−	7,190	202	2.81	283	151	248	+
1951	7,232	5,072	1,873	377	103,203	12,701	514	7.10	367	204	291	+	15,065	183,667	2,440	66	2.78	100	41	78	−	7,262	199	2.74	302	146	244	+
1952	10,547	6,961	2,953	633	111,033	7,087	530	5.02	380	227	325	−	14,307	177,657	2,632	88	3.34	103	45	80	−	7,620	194	2.54	300	145	242	+
1953	10,698	6,954	3,209	535	120,970	6,367	597	5.06	397	227	350	−	14,955	176,587	2,696	86	3.19	107	51	83	−	7,919	206	2.60	323	168	256	+
1954	10,521	6,628	3,577	316	100,765	3,825	585	5.56	427	259	350	+	15,226	181,774	2,616	76	2.90	112	47	84	+	8,220	194	2.36	323	190	273	+
1955	11,586	7,299	3,823	464	89,199	5,663	680	5.86	466	306	389	−	14,577	173,170	2,697	74	2.74	120	55	88	+	8,390	243	2.89	350	176	264	+

Total number of patients admitted to General Hospital from the year 1821 — 515,055
" " " " " " Phillips House " " " 1917 — 86,231
" " " " " " Baker Memorial " " " 1930 — 161,666

762,952

†See footnote, page 114 (General Statistics).

MASSACHUSETTS GENERAL HOSPITAL — INCOME STATEMENT
THIRTEEN PERIODS ENDING OCTOBER 2, 1955

Gross Earnings at Standard Rate	Total 1954	Total 1955	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulatory
Day Rate Service	$4,805,829.17	$4,906,238.00	$ 851,435.58	$1,789,582.39	$2,265,205.28	.....	.....	$ 14.75
Out-Patient Adm. Fees	305,904.47	331,424.80	.....	.....	.....	$331,424.80	.....	.....
Emergency Ward Fees	65,127.00	70,672.08	.....	.....	.....	.....	$ 70,672.08	.....
Operating Room	476,113.07	745,396.98	98,847.31	336,419.20	299,985.12	143.55	1,434.70	8,567.10
Anesthesia	226,816.95	221,337.50	47,870.15	116,760.05	54,435.00	1,097.50	515.50	659.30
Radiology—Diagnosis	.....	736,300.21	100,015.00	192,949.60	183,978.00	143,177.75	63,158.50	53,021.36
Radiology—Therapy	705,050.89	90,126.55	6,045.00	15,642.00	6,684.70	20,854.00	.....	40,900.85
Laboratories	572,110.44	719,544.93	100,598.95	210,462.74	276,888.32	64,536.62	11,538.65	55,519.65
Basal Metabolism	.....	10,626.75	303.00	611.50	962.50	7,611.25	.....	1,138.50
EKG	.....	55,332.90	5,289.00	8,684.00	28,467.50	6,421.20	4,836.70	1,634.50
Blood Bank	208,277.75	192,445.10	30,477.97	78,727.34	79,011.29	258.50	3,960.00	10.00
Physical Therapy	53,794.50	57,022.65	5,355.00	12,606.00	25,032.25	4,317.90	3.00	9,708.50
Occupational Therapy	3,374.09	3,386.24	62.00	734.00	1,863.24	3.00	.....	724.00
Ambulance	28.00	31.00	.....	.....	.....	5.00	26.00	.....
Oxygen Therapy	51,526.15	60,963.99	5,713.49	17,249.51	38,000.99	.....	.....	.....
Intravenous Therapy	.....	48,750.00	10,584.40	17,996.35	18,488.50	(73.50)	1,754.25	.....
Central Supply Room	.....	4,150.58	87.00	1,134.18	2,916.40	.....	.....	13.00
Pharmacy	285,896.33	485,672.77	24,892.31	91,440.09	183,253.16	178,923.96	7,157.45	5.80
Total Earnings from Services to Patients	7,759,848.81	8,739,423.03	1,287,576.16	2,890,998.95	3,465,172.25	758,701.53	165,056.83	171,917.31
Deductions from Earnings Charity Allowances	704,181.66	1,066,546.91	10,459.67	23,974.59	722,298.07	274,892.05	32,038.53	2,884.00
Other Rebates and Losses	491,131.15	419,419.75	33,933.25	184,408.39	197,651.32	.....	3,265.79	161.00
Provision for Doubtful Accounts	150,015.83	410,030.52	1,726.77	40,593.44	359,340.91	.....	.....	8,369.40
Total Deductions	1,345,328.64	1,895,997.18	46,119.69	248,976.42	1,279,290.30	274,892.05	35,304.32	11,414.40
Net Earnings from Service to Patients	6,414,520.17	6,843,425.85	1,241,456.47	2,642,022.53	2,185,881.95	483,809.48	129,752.51	160,502.91
Dietary	310,712.49	286,276.43	.....	.....	.....	.....	.....	.....
Miscellaneous Income	1,209,232.98	1,527,861.88	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	7,934,465.64	8,657,564.16	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1955*	*Total 1954*
Earnings from services to patients		
Private Patients	$1,287,576.16	$1,203,835.89
Semi-Private Patients	2,890,998.95	2,720,381.39
Ward Patients	3,465,172.25	2,875,701.01
Out-Patient Department	758,701.53	656,093.82
Private Ambulatory	171,917.31	181,404.75
Emergency Ward	165,056.83	122,431.95
Total Earnings From Services to Patients	$8,739,423.03	$7,759,848.81
Less:—Deductions from earnings:		
Charity Allowances	$1,066,546.91	$ 704,181.66
Other Rebates and Losses	419,419.75	491,131.15
Net Provision for Doubtful Accounts	410,030.52	150,015.83
Total Deducations from Earnings	$1,895,997.18	$1,345,328.64
Net Earnings From Services to Patients	6,843,425.85	6,414,520.17
Other Income	1,814,138.31	1,519,945.47
Total Income	$8,657,564.16	$7,934,465.64
Operating Expenses		
Professional Care of Patients	$6,811,199.77	$6,314,744.29
Dietary Expenses	1,202,099.25	778,112.79
Housekeeping	500,483.28	278,302.89
Laundry & Linen	207,295.89	126,130.72
Plant Operation & Maintenance	946,604.01	238,035.69
Other Non-Patient Expenses	308,040.81	1,325,085.25
Total Operating Expenses	9,975,723.01	9,060,411.63
Net Operating Deficit	1,318,158.85	1,125,945.99
Add:—Non-Operating & Research Expenses	1,636,328.42	1,764,053.41
Net Deficit	2,954,487.27	2,889,999.40
Available From Treasurer For Expenses At Hospital	2,935,239.61	2,876,030.29
Final Deficit—Withdrawn From General Fund Principal	$ 19,247.66	$ 13,969.11

MASSACHUSETTS GENERAL HOSPITAL

Statement of Stock on Hand October 2, 1955 and October 3, 1954

	Oct. 2, 1955	*Oct. 3, 1954*
General Hospital Apothecary Out-Patient Department Apothecary	$283,685.69	$266,396.96
General Hospital Upper Store	92,275.05	114,702.44
General Hospital Lower Store	33,856.48	48,888.64
General Hospital Maintenance	120,103.97	126,796.94
General Hospital Postage	783.60	713.17
General Hospital Print Shop	3,773.92	2,831.24
Other	52,378.41	87,062.24
Total Stock on Hand	$586,857.12	$647,391.63

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year ending September 30, 1955, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

THE MASSACHUSETTS GENERAL HOSPITAL CONDENSED YEAR-END BALANCE SHEET

	Sept. 30, 1955	*Sept. 30, 1954*
ASSETS		
Cash	$ 1,493,197.72	$ 1,566,041.97
Cash in Escrow	250,000.00	0
Investments		
Bonds	12,650,640.03	10,598,342.18
Stocks	11,689,886.20	11,471,070.33
Notes and Commercial Paper	1,355,752.89	1,837,146.08
Real Estate	247,928.21	246,928.21
Notes Receivable	106,795.00	78,425.00
Accounts Receivable — Patients and Others (Less Reserve for Bad Debts)	1,584,266.20	1,311,363.52
Inventories of Supplies — At Cost	586,857.12	646,966.63
Prepaid Items	34,917.94	31,841.29
Interest in Unsettled Estates	9.00	9.00
Plant (Less Provision for Depreciation)	17,508,870.35	17,845,856.74
Construction Accounts	1,106,805.25	148,019.14
	$48,615,925.91	$45,782,010.09
LIABILITIES		
Accounts Payable and Accruals	$ 384,308.81	$ 390,374.20
Pension Reserves	5,845.48	0
General Fund		
Treasurer's Account	2,056,440.87	2,375,181.27
Director's Account	1,921,244.12	1,608,262.49
Reserves	0	14,765.53
General Hospital Endoment Funds		
Unrestricted as to Income	4,553,254.05	4,535,410.63
Restricted as to Income	14,375,538.13	14,161,453.05
McLean Hospital Endowment Funds	900,521.37	935,465.92
Building Funds	1,466,450.17	1,009,459.12
Fiduciary Funds	345,833.74	337,280.05
Funds Invested in Plant	17,508,870.35	17,845,856.74
Temporary Funds		
General Hospital	2,046,785.00	1,607,971.50
McLean Hospital	157,545.60	158,861.94
Fiduciary	4,298.78	3,304.69
General Investment Profit and Loss Account	2,888,989.44	798,362.96
	$48,615,925.91	$45,782,010.09

THE MASSACHUSETTS GENERAL HOSPITAL
GENERAL HOSPITAL
CONDENSED INCOME STATEMENT

(for fiscal year ending Sept. 30)

	1954-5	*1953-4*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 195,377.50	$ 223,561.75
Annual Free Beds	8,325.00	10,627.64
Restricted	1,591,273.99	1,337,511.30
	$1,794,976.49*	$1,571,700.69*
INCOME FROM INVESTMENTS		
Unrestricted	$ 367,884.37	$ 334,780.86
Restricted	757,607.48	694,167.78
	$1,125,491.85	$1,028,948.64
OTHER INCOME		
From Trusts and Agents	$ 9,014.43	$ 8,884.84
Contributions for Connecting Building	15,613.00	15,613.00
Huntington Memorial Hospital	10,487.01	8,143.00
Miscellaneous	0	92,520.19
	$ 35,114.44	$ 125,161.03
TOTAL	$2,955,582.78	$2,725,810.36
PAYMENTS FROM INCOME		
Added to Principal	$ 20,027.37	$ 17,523.64
Payments to Life Interests	761.33	761.33
Treasurer's Payments From Funds and Miscellaneous	14,320.00	24,729.57
Provision for Depreciation	502,467.63**	480,960.90**
	$ 537,576.33	$ 523,975.44
TREASURER'S BALANCE—AVAILABLE FOR EXPENSES AT HOSPITAL	$2,418,006.45	$2,201,834.92
HOSPITAL EXCESS OF EXPENSES	2,954,487.27	2,889,999.40
	$ 536,480.82	$ 688,164.48
CHARGED TO PLANT CAPITAL-DEPRECIATION	502,467.63	480,960.90
DEFICIT	$ 34,013.19	$ 207,203.58
WITHDRAWN FROM RESERVES	14,765.53	193,234.47
WITHDRAWN FROM GENERAL FUND PRINCIPAL	$ 19,247.66	$ 13,969.11

* Includes United Community Services Allocations of $183,963.00 in 1954-5 and $212,387.00 in 1953-4.

** Provision for depreciation based on allowable amount under certain third party reimbursements.

THE MASSACHUSETTS GENERAL HOSPITAL

McLEAN HOSPITAL
CONDENSED INCOME STATEMENT

(for fiscal year ending Sept. 30)

	1954-5	*1953-4*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 1,070.00	$ 1,525.00
Restricted	53,457.36	42,377.86
	$ 54,527.36	$ 43,902.86
INCOME FROM INVESTMENTS		
Unrestricted	$ 24,324.40	$ 22,327.41
Restricted	30,084.03	26,446.67
	$ 54,408.43	$ 48,774.08
OTHER INCOME		
From Trusts and Agents	$ 4,655.42	$ 3,580.00
Miscellaneous	2,730.59	3,078.34
	$ 7,386.01	$ 6,658.34
TOTAL	$116,321.80	$ 99,335.28
PAYMENTS FROM INCOME		
Added to Principal	$ 66.47	$ 63.22
Expenses Paid from Funds	3,692.08	361.69
	$ 3,758.55	$ 424.91
TREASURER'S NET RECEIPTS	$112,563.25	$ 98,910.37
HOSPITAL EXCESS OF EXPENSES	245,205.36	192,970.56
DEFICIT—WITHDRAWN FROM FUNDS	$132,642.11	$ 94,060.19

GENERAL FUND

	Income	Principal
FOR ANY HOSPITAL PURPOSE		$2,056,440.87

GENERAL HOSPITAL FUNDS

	Income	Principal
FLORENCE M. AGOOS MEMORIAL FUND For developing and furthering medical research and scientific medical knowledge through research and teaching. Bequest of Solomon Agoos	$398.76	$10,000.00
ANESTHESIA FUND Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		27,158.61
MARTHA B. ANGELL FUND For medical and surgical experimentation on animals to the end of saving human lives.		34,040.82
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND "The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."	1,519.87	8,000.00
JOHN ASHTON FUND For diseased and wounded soldiers. Bequest $22,176.47 Income Added 4,940.76		27,117.23
BAKER MEMORIAL FUND For the Baker Memorial. Sundry Bequests.		19,543.10
BAKER MEMORIAL ASSISTANCE FUND Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations. Bequest of Miss Carrie M. Jameson $5,601.20 Sundry Gifts 320.00	1,456.95	5,921.20
LILLIAN DOBIE BALBONI MEMORIAL FUND Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best. Sundry Gifts.	412.82	34,444.17
Carried forward	$3,788.40	$166,225.13

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$3,788.40	$166,225.13
ARTHUR W. BLAKE FUND Income for the study and cure of nervous diseases.	-383.40	25,000.00
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND Income for any Hospital purpose. Bequest of Mrs. George W. W. Brewster $5,000.00 Sundry Gifts 1,289.02		6,289.02
ANNIE BOLTON MATTHEWS BRYANT FUND Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		72,093.70
ARTHUR TRACY CABOT FUND Income for support of laboratories.		20,000.00
RICHARD C. CABOT FUND For educational purposes in connection with the work of the Social Service Department.		45,582.87
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service." Gift of American Association of Hospital Social Workers.	82.94	1,000.00
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION Income for salary of Surgical Pathologist. Gift of Samuel and Dr. Arthur T. Cabot.		10,000.00
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND Gifts of "Friends of the Hospital".	1,221.13	6,913.48
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		396,570.91
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
CONNECTING BUILDING FUND Income for Connecting Building.		10,000.00
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital Sundry Gifts and Bequests	5,573.17	508,943.66
Carried forward	$10,282,24	$1,278,618.77

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$10,282,24	$1,278,618.77
URIEL H. CROCKER FUND Income "to be used in the manner that said Hospital shall determine to be for the best interests of the Hospital." Bequest of Mrs. Annie J. Crocker		44,806.24
THE CUSHMAN FUND Income for the Social Service of the Hospital. Gift of Mrs. Charles F. Cushman.	286.64	4,000.00
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."	10.00	10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.		101,150.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine.	4,032.28	35,500.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."	270.88	20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	1,556.88	31,747.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16		66,164.36
EDWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards 391,447.56 Sundry Bequests 100.00	6,500.00	391,547.56
Carried forward	$22,938.92	$1,983,534.84

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$22,938.92	$1,983,534.84
JOHN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	2,327.17	20,114.22
ISABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
EVANS-ELLIS FUND Income for any Hospital purpose. Bequest of Augustus H. Ellis.		281,255.48
SARAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	311.43	1,398.42
FRANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.	1,074.66	25,000.00
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	1,902.04	4,238,782.80
MRS. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	542.19	1,000.00
ALLAN W. HAMILTON FUND For medical services in the Outpatient Department.		2,027.03
ABIGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.		10,000.00
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."		50,053.58
CHARLES W. HOLTZER FUND Income for general research work.		41,666.67
Carried forward	$29,096.41	$6,744,586.20

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$29,096.41	$6,744,586.20
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		2,922,438.59
HENRY CLAY JACKSON FUND Income for the general purposes of the Hospital. Gift of Paul Wilde Jackson Trust.		58,000.00
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns.	2,300.99	11,235.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.	250.00	44,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	684.86	14,450.00
NATHANIEL T. KIDDER FUND Income for the general purposes of the Hospital.		690,137.61
EMMA GILDERSLEEVE LANE FUND For cancer research, "preferring but not requiring that this legacy be kept as capital and only its income used for research in cancer."	355.52	20,000.00
THE MALLINCKRODT FUND Income only to be used for the support of the Mallinckrodt Ward (Ward 4) with limited discretion to the Trustees in case this support is no longer needed.	10,867.73	179,974.32
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	70.78	10,190.00
Carried forward	$43,626.29	$10,720,808.92

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$43,626.29	$10,720,808.92
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	38.66	121.36
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	53.82	500.75
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.		671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00	54.18	4,080.53
THE MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	5,915.23	18,210.81
FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		30,000.00
FANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		712,570.97
Carried forward	$49,688.18	$12,164,293.94

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$49,688.18	$12,164,293.94
FRANCIS A. NEWELL ENDOWMENT FUND Income to be used "for the most approved method of treating hip disease due to accident in indigent children."	2,467.74	50,000.00
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.		68,278.57
ORTHOPEDIC WARD FUND Income for Orthopedic Ward. Sundry Gifts.		26,470.92
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	2.72	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.	8.67	3,178.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.		34,665.40
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,345.52	2,090.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.	2,179.35	21,051.38
Carried forward	$55,692.18	$12,508,758.60

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$55,692.18	$12,508,758.60
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		10,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
RESEARCH AND TEACHING FUND Income for research and teaching.		146,436.12
EDWARD PEIRSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	2,820.98	15,000.00
JOHN FYFFE RICHARDSON MEMORIAL FUND Income only to be spent by the Trustees on recommendation of the Chief of the Huntington Memorial Laboratories or the senior cancer investigator preferably for leukemia research or related areas of cancer research. 5% of income to be added to principal each year until the fund reaches $400,000.	21.60	27,091.91
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones $25,200.00 Dr. Edward P. Richardson 5,000.00 Mrs. Maurice Howe Richardson 5,000.00 Sundry Gifts 5,200.00	1,386.47	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson		276,141.62
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic.		10,072.88
MARY ELIZABETH SALTONSTALL FUND Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		1,042,816.18
Carried forward	$59,926.23	$14,536,830.65

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$59,926.23	$14,536,830.65
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	251.79	30,000.00
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	348.30	2,000.00
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service.		111,015.15
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.	8,539.32	345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	245.76	725.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00	548.69	6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	100.83	9,030.90
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	1,159.46	3,450.00
Carried forward	$71,115.38	$15,064,742.48

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$71,115.38	$15,064,742.48
TRAINING SCHOOL FOR NURSES FUND .... Income for Training School for Nurses. Sundry Gifts and Bequests.		40,037.92
TREADWELL LIBRARY FUND ..... Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00	2,919.43	7,555.00
LAWRENCE TUCKER FUND ..... So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.		429,753.01
UROLOGICAL PERIODICALS FUND ..... Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.	155.99	1,000.00
FRANCES KNOWLES WARREN FUND ..... Income for the General Purposes of the Hospital; principal available in emergency. Bequest of Mrs. George E. Warren.		30,000.00
WARREN LIBRARY FUND ..... Income for books for patients. Sundry Gifts and Bequest.	1,636.90	5,067.19
DEPENDENCE S. AND WALTER B. WATERMAN FUND ..... "Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		134,573.62
GEORGE ROBERT WHITE FUND ..... To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs Harriet J. Bradbury ..... 2,971,780.82 Sundry Gifts 3,657.50		2,975,438.32
GEORGE ROBERT WHITE FUND ..... "Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		100,000.00
Carried forward	$75,827.70	$18,788,167.54

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$75,827.70	$18,788,167.54
DR. JAMES C. WHITE NEUROSURGICAL FUND		659.15
Income to be added to principal until the fund reaches $5,000; thereafter 50% shall be added until the fund reaches $10,000; and thereafter 25% to $50,000. Income not so added to principal to be used in the interest and promotion of neurosurgery under the direction of Dr. James C. White.		
GEORGE WIGGLESWORTH FUND		55,139.23
Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		
WOODEN LEG FUND	631.87	7,600.00
Income for wooden legs and other devices for diseased and injured legs.		
Bequest of Nathaniel I. Bowditch $5,000.00		
Sundry Gifts 2,600.00		
TEMPORARY FUNDS		
Special Purposes	1,778,011.73	
Endowment Income Undistributed to Funds	192,313.70	
TOTAL GENERAL HOSPITAL FUNDS	$2,046,785.00	$18,851,565.92

BUILDING FUNDS

GENERAL BUILDING FUND	283,795.50
For any construction.	
PATHOLOGY BUILDING FUND	1,128,633.02
For the construction of a Pathology Building.	
SUNDRY FUNDS	54,021.65
TOTAL BUILDING FUNDS	$1,466,450.17

McLEAN HOSPITAL FUNDS

AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND	$ 21,135.00
Income for amusement, entertainment or occupation of patients.	
Sundry Gifts and Bequests.	
WENTWORTH HIGGINSON BARNEY FUND	1,677.85
Income to be spent at the discretion of the Director.	
Gift of Dr. J. Dellinger Barney. $1,500.00	
Income added 177.85	
Carried forward	$ 22,812.85

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward		$ 22,812.85
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room.	744.62	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,737.45
GENERAL FUND For any Hospital purpose.		208,589.78
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	590.57	3,672.20
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.	154.41	2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
TEMPORARY FUNDS		
Special Purposes	148,838.16	
Endowment Income Undistributed to Funds	7,217.84	
TOTAL McLEAN HOSPITAL FUNDS	$157,545.60	$900,363.20

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND ..... For the publication of a history of the Hospital. Bequest of N. I. Bowditch.	$	$ 2,000.00
BETTY DUMAINE FUND ..... To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		2,284.17
EYEGLASS FUND ..... Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND ..... "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	996.22	15,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies' Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
MARY S. HOLBROOK FUND ..... Income payable to a life interest.		4,605.62
CHESTER MORSE JONES FELLOWSHIP FUND To establish a fellowship. Gift of Dr. Chester M. Jones .... 8,811.90 Sundry Gifts ..... 4,940.00 Income Added 5,344.92		19,096.82
SARAH PROCTOR JOSLIN FUND ..... Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
FANNIE NEWELL SIMES FUND ..... Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
Carried forward	$996.22	$82,586.61

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$996.22	$82,586.61
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING ENDOWMENT FUND Income to be used as directed by vote of the Committee created under the Deed of Gift.		185,877.69
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	3,302.56	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		17,462.08
Total Fiduciary Funds	$4,298.78	$299,816.22

SUMMARY

Principal Funds	$23,574,636.38
Temporary Funds	2,208,629.38
Funds Invested in Plant	17,508,870.35
General Hospital Director's Account	1,921,244.12
	$45,213,380.23
Gain	123,401.95
Funds	$45,336,782.18

Examination of Accounts

April 10, 1956

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

Sirs:

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1955 and the related income statements of the General Hospital and the McLean Hospital for the period ended at that date (52 weeks). Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The accompanying statements reflect a provision for depreciation in the amount of $502,467.53, based on a percentage of the patient care expenses of the General Hospital. This provision has been recorded in accordance with the requirements of statutory authority pertaining to per diem reimbursement for hospital services rendered under contract with certain third party agencies. We are unable to express an opinion as to the adequacy of the provision for depreciation in relation to plant costs.

Subject to the exception noted above, in our opinion, the accompanying balance sheet and related income statements, with their supporting exhibits, present fairly the financial position of The Massachusetts General Hospital at September 30, 1955 and the results of its operations for the period ended at that date in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period.

Patterson, Teele & Dennis

GIFTS AND BEQUESTS 1954-5

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Mr. Edward W. Atkinson	$ 43,570.86	
Dr. John W. Cummin	2,500.00	
Mrs. Emma G. Lane	10,000.00	
Mr. Sigmund Leve	132,959.17	
Mr. Henry Levin	571.63	
Mr. Walter J. Noonan	4,950.14	
Miss Sarah G. Sampson	15,000.00	
Mrs. H. Sylvia A. H. G. Wilks	29.69	
Gifts of		
Mr. and Mrs. Philip D. Armour	1,051.31	
In Memory of Mrs. Cora Codman Guild	1,000.00	
Mr. and Mrs. Henry R. Guild	487.50	
Mr. Frank L. Howard	10.00	
Mrs. Edward B. Meigs	500.00	
A. L. Smith Iron Company	125.00	
J. W. Wood Elastic Web Co.	1,000.00	$213,755.30

GENERAL HOSPITAL FUNDS

Fund No.			
1120	LILLIAN DOBIE BALBONI MEMORIAL FUND		
	Gifts of		
	Dr. Gerardo M. Balboni	$ 200.00	
	Dr. and Mrs Victor G. Balboni	50.00	
	Mrs. Charles L. Knight	50.00	
	Mrs. Anna I. MacDonald	100.00	
	Mrs. Margaret Malagodi	10.00	
	Sacred Heart Church	75.00	
	Mr. Peter Salvi	200.00	
	Bequest of Mr. Alfred Scaramelli	240.00	925.00
1270	M.G.H. CHAPEL FUND		
	Gift of Mrs. Gussie L. McGee		5.00
1290	M.G.H. ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES		
	Gifts of		
	In Memory of Miss Katharine LeBaron Lewis	$ 10.00	
	William E. Schrafft and Bertha E. Schrafft Charitable Trust	16,000.00	
	Mr. Morris Simlovich	1,500.00	17,510.00
1340	THE CUSHMAN FUND		
	Gift of Mrs. Charles F. Cushman		1,000.00
	Carried forward		$233,195.30

	Brought forward		$233,195.30
1710	INCOME UNRESTRICTED FUNDS		
	SAMUEL APPLETON FUND		
	Bequests of		
	Miss Maud E. Appleton	$ 12,541.44	
	Miss Charlotte Peirce	5,000.00	17,541.44
1770	DANIEL FISKE JONES MEMORIAL FUND		
	Gifts of		
	Mrs. Daniel Fiske Jones	$ 40.00	
	Mrs. J. Vaughan Merrick, 3rd	50.00	90.00
1800	MARGERY AMORY KETCHUM MEMORIAL FUND		
	Gifts of		
	Anonymous	$ 1,000.00	
	Mr. and Mrs. Charles Weston	10.00	1,010.00
1815	EMMA GILDERSLEEVE LANE FUND		
	Bequest of Mrs. Emma Gildersleeve Lane		20,000.00
1820	MALLINCKRODT WARD FUND		
	Gift of Mr. Edward Mallinckrodt		27,600.00
1950	THE MIXTER FUND		
	Gifts of		
	Dr. H. Thomas Ballantine, Jr.	$ 100.00	
	Dr. Jost J. Michelsen	1,000.00	
	Dr. and Mrs. William Jason Mixter	100.00	1,200.00
2130	OUTPATIENT DEPARTMENT FUND		
	Gift of Anonymous		5.00
2260	RESEARCH AND TEACHING FUND		
	Gifts of		
	Dewey and Almy Chemical Company	$ 500.00	
	The Schweppe Foundation	2,500.00	3,000.00
2305	JOHN FYFFE RICHARDSON MEMORIAL FUND		
	Gifts of		
	Mr. Emmet L. Richardson	$ 11,850.00	
	Rev. and Mrs. Robert Dale Richardson	16,543.00	28,393.00
2350	ELSIE M. ROBBINS SOCIAL SERVICE FUND		
	Gift of Mr. Donald F. Cutler, Jr.		290.00
2550	GEORGE N. TALBOT FUND		
	Gift of Dr. Fritz B. Talbot		1,286.25
2750	GEORGE ROBERT WHITE FUND		
	Bequest of Mrs. Harriet J. Bradbury		36,735.60
	Carried forward		$370,346.59

	Brought forward		$370,346.59
2815	UNRESTRICTED FREE BED FUNDS		
	James M. Codman Free Bed Fund		
	Bequest of Mrs. Cora Wolcott	$ 5,028.90	
	Cotton Center Johnson Free Bed Fund		
	Bequest of Cotton Center Johnson	2,000.00	
	Luther Farnham Free Bed Fund		
	Bequest of Luther Farnham	811.17	
	Alfred Hosmer Free Bed Fund		
	Bequest of Miss Elizabeth S. Hosmer	2.20	
	Lucy A. Thornton Free Bed Fund		
	Bequest of Miss Lucy A. Thornton	28,897.27	36,739.54
2860	NURSES FREE BED FUND		
	Gift of Miss Agnes G. Patten		500.00
2869	SERIAH STEVENS FREE BED FUND		
	Bequest of Dr. Ruey Bartlett Stevens		5,000.00
2910	CONVALESCENT HOSPITAL FUND		
	Gifts of		
	Mr. Theodore O. Nicholson	$ 100.00	
	Trustees under will of Mrs. Helen O. Storrow	2,600.00	2,700.00
			$415,286.13

BUILDING FUNDS

GENERAL BUILDING FUND

	Gifts of		
	Mr. Frank W. Abbott	$ 500.00	
	Mr. John Adams	200.00	
	Mrs. William T. Aldrich	100.00	
	Mrs. Edward B. Alford	100.00	
	Dr. and Mrs. Arthur W. Allen	100.00	
	Mrs. Frank G. Allen	100.00	
	Mr. and Mrs. Philip R. Allen	5,100.00	
	Mr. Stephen G. Allen	600.00	
	Mr. William P. Allis	100.00	
	Mr. David E. Alper	100.00	
	Mrs. Copley Amory	100.00	
	Mr. Michael X. Andrews	100.00	
	Mr. and Mrs. David B. Arnold	500.00	
	Mr. Allen J. Ash	100.00	
	Miss H. Marguerite Atwood	1,000.00	
	Mrs. James B. Ayer	500.00	
	Dr. James B. Ayer	1,000.00	
	Mr. James Baddeley	100.00	
	In Memory of Mrs. Aaron Bagg, Jr.	100.00	
	The Bailey Foundation	100.00	
	Mr. and Mrs. Vincent R. Bailey	100.00	
	Mrs. Bart W. Baird	100.00	
	Carried forward	$10,800.00	$415,286.13

Brought forward	$10,800.00	$415,286.13
Baird & Bartlett Company	125.00	
The Barker Foundation	1,000.00	
Rt. Rev. Robert P. Barry	100.00	
Dr. and Mrs. M. K. Bartlett	200.00	
Mr. Sidney W. Bartlett	100.00	
Mr. Thomas R. Bateman	100.00	
Bay State Abrasive Products Co.	400.00	
Mr. and Mrs. Lawrence Beebe	100.00	
Mr. and Mrs. G. d'Andelot Belin, Jr.	100.00	
Mrs. Arthur W. Bell	100.00	
Mr. and Mrs. Alan C. Bemis	100.00	
The Bernat Family Foundation	100.00	
Frank Stanley Beveridge Foundation	100.00	
Mr. R. W. Bird	200.00	
Mrs. Taylor Black	100.00	
Mr. and Mrs. Henry M. Bliss	1,128.00	
Boston Insulated Wire & Cable Co.	500.00	
Boston Linotype Print, Inc.	100.00	
Mr. and Mrs. Lloyd D. Brace	1,750.00	
The Brandegee Charitable Foundation	450.00	
Mrs. David A. Brayton	250.00	
Miss Sarah F. Bremer	200.00	
Mr. Alexander H. Bright	100.00	
Brockway-Smith-Haigh-Lovell Co.	250.00	
Mr. Gorham Brooks	100.00	
Brown Counter Co.	100.00	
Mr. and Mrs. George R. Brown	100.00	
Mr. Philip C. Brown	100.00	
Mr. L. B. Buchanan	640.00	
Dr. Nancy L. R. Bucher	200.00	
Mr. and Mrs. Francis V. Bulfinch	100.00	
Mr. and Mrs. John M. Bullard	500.00	
Mrs. Henry D. Burnham	100.00	
Mrs. Charles S. Butler	100.00	
Mr. and Mrs. David H. Buttrick	200.00	
Godfrey L. Cabot Charitable Trust	1,000.00	
Mr. and Mrs. Paul C. Cabot	100.00	
Dr. G. Colket Caner	206.25	
Dr. Bradford Cannon	150.00	
Mrs. Thomas B. Card	506.81	
Mr. and Mrs. Houghton Carr	100.00	
Mr. Lyndall F. Carter	1,000.00	
Mr. Phillips N. Case	100.00	
Dr. Edwin F. Cave	500.00	
Mr. Carey J. Chamberlin	200.00	
Mr. and Mrs. E. Barton Chapin	200.00	
Mr. and Mrs. Buchanan Charles	1,100.00	
Mr. John P. Chase	100.00	
Frederic C. Church Foundation	1,000.00	
Mr. and Mrs. William H. Claflin	5,275.00	
Dr. and Mrs. George O. Clark	100.00	
Mrs. George B. Clark	100.00	
Miss Margaret Clark	100.00	
Mr. and Mrs. Nathaniel T. Clark	200.00	
Carried forward	$32,731.06	$415,286.13

Brought forward	$32,731.06	$415,286.13
Dr. and Mrs. George H. and Mr. Allen W. Clowes	100.00	
Mrs. Benjamin F. Cochran	100.00	
Colonial Management Associates	300.00	
Mr. Parker Converse	200.00	
Mrs. Charles A. Coolidge	100.00	
Mr. and Mrs. C. E. Cotting	250.00	
Mr. Francis A. Countway	500.00	
Mr. Wilbur A. Cowett	100.00	
Charles M. Cox Trust	100.00	
Mr. Gardner Cox	100.00	
Dr. John D. Crawford	300.00	
Miss Lucy C. Crehore	100.00	
Rev. and Mrs. John Crocker	100.00	
Mr. F. H. Cummer	1,000.00	
Mr. Lew A. Cummings	100.00	
Mrs. Stanley Cunningham	150.00	
Miss Frances G. Curtis	100.00	
Miss Margaret Curtis	100.00	
Mr. and Mrs. Frederic H. Curtiss	100.00	
Mr. Harold G. Cutler	100.00	
Mr. Fred L. Daggett	300.00	
Fred L. Daggett, Charitable Trust	125.00	
Mr. John W. Davies	100.00	
Davies, Rose & Company, Limited	1,000.00	
Mr. A. Garfield Davis	200.00	
Mrs. James Dean	100.00	
Dr. Gordon Donaldson	100.00	
Mr. James Donovan	100.00	
Miss Louise I. Doyle	500.00	
Mrs. Samuel S. Drury	100.00	
Mr. William B. Durant	100.00	
Mr. Charles F. Eaton, Jr.	100.00	
Mr. I. R. Edmands	100.00	
Mr. David F. Edwards	100.00	
Mr. William Ehrlich	250.00	
Dr. and Mrs. Daniel S. Ellis	100.00	
Mrs. William Emerson	500.00	
Mr. and Mrs. Augustus H. Eustis	100.00	
Mr. Albert P. Everts	100.00	
Mr. and Mrs. Frank K. Ewing	100.00	
Mr. Benjamin A. Fairbank	100.00	
Mr. Wallace Falvey	100.00	
Mr. J. W. Farley	300.00	
Mr. F. L. Farrell	100.00	
Mr. William Ferguson	1,000.00	
Mr. Cyrus Y. Ferris	500.00	
First Boston Corporation	500.00	
First National Stores Inc.	1,000.00	
Mr. Joseph Fishman	100.00	
Mr. Frederick C. Fletcher	100.00	
Foley, Hoag & Eliot	150.00	
Miss Edith M. Fox	125.00	
Carried forward	$44,981.06	$415,286.13

Brought forward	$44,981.06	$415,286.13
Mr. Isidor Fox	250.00	
Miss Marion Fox	250.00	
Dr. and Mrs. Chester N. Frazier	100.00	
Miss Betty French	100.00	
Herbert F. French & Co.	100.00	
Mr. and Mrs. Horace W. Frost	100.00	
Mrs. Louis A. Frothingham	250.00	
Hon. Alvan T. Fuller	50,000.00	
Mrs. George F. Fuller	100.00	
Mr. Samuel A. Galpin	200.00	
Mr. and Mrs. Howard Gambrill, Jr.	100.00	
Mr. Joseph Gannon	100.00	
Mr. and Mrs. Charles MacK. Ganson	100.00	
Mrs. William Tudor Gardiner	100.00	
Mr. Emerson G. Gaylord	3,000.00	
General Thread Mills, Inc.	100.00	
Gillette Company	1,000.00	
Mr. Hollis T. Gleason	100.00	
Mr. Frederick A. Godley	100.00	
Mr. Hyman Gondelman	100.00	
Mr. and Mrs. Frederic Gooding	100.00	
Mr. Arthur M. Goodridge	100.00	
Mrs. Frederic S. Goodwin	200.00	
Mr. John L. Grandin, Jr.	109.50	
Mr. Archibald R. Graustein	2,000.00	
Mr. and Mrs. Francis C. Gray	1,651.31	
Mr. Reginald Gray	1,000.00	
Great Northern Paper Company	100.00	
Mrs. Theodore A. Greene	100.00	
Mr. Henry V. Greenough	100.00	
Mrs. Edward W. Grew	100.00	
Grosberg Family Charity Fund, Inc.	200.00	
Mr. Jacob Grossman	100.00	
Mr. and Mrs. Harold A. Grout	100.00	
Mrs. Richard Grozier	100.00	
Mrs. H. S. Hall	500.00	
Mrs. John L. Hall	100.00	
Dr. Edward Hamlin	100.00	
Mr. and Mrs. Franklin T. Hammond, Jr.	100.00	
Mr. T. E. Hardenbergh	100.00	
William Barclay Harding Foundation	1,000.00	
Mr. Joel D. Harvey	200.00	
Mr. Francis W. Hatch	200.00	
Mr. A. Hemenway	100.00	
Mr. and Mrs. B. Howard Henderson	100.00	
Hon. and Mrs. Christian A. Herter	200.00	
Miss Annette S. Hill	400.00	
Mr. Frederick W. Hill	100.00	
Miss Marion Hill	100.00	
Mrs. Frederick W. Hilles	100.00	
Mr. Gustav Hirsch	100.00	
Mr. Harold D. Hodgkinson	112.50	
Mr. and Mrs. Waldo H. Holcombe	100.00	
Mr. Amor Hollingsworth	500.00	
Carried forward	$111,504.37	$415,286.13

Brought forward	$111,504.37	$415,286.13
The Hopedale Foundation	2,500.00	
Mr. Charles Hopkinson	225.00	
Mr. and Mrs. Ralph Hornblower	100.00	
Mr. and Mrs. Franklin P. Horton	100.00	
Mrs. Clement S. Houghton	100.00	
Miss Dorothy L. Hovey	100.00	
Mrs. Charles P. Howard	100.00	
Mrs. Samuel C. Howes	200.00	
Mr. and Mrs. David H. Howie	100.00	
Mrs. Llewellyn Howland	250.00	
Mr. Alexander E. Hoyle	150.00	
Mr. Ralph K. Hubbard	500.00	
Mr. and Mrs. Arnold W. Hunnewell	250.00	
Mr. Francis W. Hunnewell	500.00	
Miss Jane P. Hunnewell	100.00	
Miss Louisa Hunnewell	1,000.00	
Mr. Willard P. Hunnewell	100.00	
Mr. and Mrs. G. Newell Hurd	500.00	
Mr. William P. Husband, Jr.	1,000.00	
International Equipment Company	100.00	
Mr. Charles Jackson, Jr.	100.00	
Mr. and Mrs. Henry B. Jackson	100.00	
Mrs. James Jackson	150.00	
James Foundation of New York, Inc.	50,000.00	
Mr. and Mrs. Charles S. Jenney	100.00	
Mr. and Mrs. Reginald Jenney	100.00	
Mr. and Mrs. George N. Jeppson	500.00	
Mr. T. E. Jewell	100.00	
Mrs. Daniel Fiske Jones	100.00	
Mr. H. Morris Kelley	250.00	
Mr. and Mrs. Shaun Kelly	100.00	
Mr. and Mrs. Henry P. Kendall	400.00	
Keystone Manufacturing Co.	100.00	
Kidder, Peabddy & Co.	500.00	
Kimbell Foundation, Inc.	250.00	
Mr. and Mrs. Henry P. King	100.00	
Dr. George H. Kirkpatrick	100.00	
Meyer Kirstein Foundation	100.00	
Mr. and Mrs. Joseph F. Knowles	100.00	
A.D.L. Foundation	500.00	
Miss Aimee Lamb	200.00	
Mr. J. Philip Lane	145.63	
Mr. and Mrs. Henry A. Laughlin	306.00	
Mrs. James Lawrence, Jr.	150.00	
Mr. Stanley Lawton	300.00	
Mrs. George C. Lee	250.00	
Mr. Harold M. Lewis	100.00	
Dr. and Mrs. Robert R. Linton	200.00	
Mr. William B. Long	200.00	
Frank Losordo Sons, Inc.	150.00	
Dr. Oliver A. Lothrop	100.00	
Mr. and Mrs. Ralph Lowell	1,000.00	
Carried forward	$176,333.00	$415,286.13

Brought forward	$176,333.00	$415,286.13
B. L. Makepeace, Inc.	300.00	
Mr. and Mrs. Harvard L. Mann	100.00	
Mr. Robert T. Markson	100.00	
Marlboro Wire Goods Co.	500.00	
Miss Eleanor P. Martin	100.00	
Mrs. Andrew Mason	500.00	
The Mason Box Company	250.00	
Mason-Neilan Regulator Co.	100.00	
Mr. Robert W. Maynard	100.00	
Mr. J. Franklin McElwain	2,571.75	
Mrs. Alfred R. McIntyre	500.00	
Mr. and Mrs. W. R. McNeil	200.00	
Mr. and Mrs. John P. McQueen	100.00	
Dr. James H. Means	500.00	
Meigs Associates	500.00	
Mr. and Mrs. Henry W. Minot	240.00	
Mr. and Mrs. James J. Minot	500.00	
George W. Mitton Memorial Foundation	500.00	
Mr. and Mrs. John A. Moir	100.00	
Dr. and Mrs. John P. Monks	600.00	
Morgan-Worcester Inc.	500.00	
Mrs. Victor Morrison	200.00	
Mrs. Henry A. Morss	480.38	
Mr. Sherman Morss	100.00	
Mr. B. P. P. Moseley	100.00	
Mr. and Mrs. J. Lothrop Motley	100.00	
Mr. Warren Motley	100.00	
Mr. Chauncy C. Nash	100.00	
In Memory of Dr. Ira T. Nathanson	250.00	
New England Electrotype Co.	500.00	
W. H. Nichols Company	500.00	
Northern Steel Inc.	100.00	
Mr. John J. O'Connell	100.00	
Mr. Thomas D. O'Connor	100.00	
Mr. George Olmsted, Jr.	200.00	
O'Neill Brothers Foundation	100.00	
Mr. Fred A. Ordway	100.00	
Mr. Gordon Osborne	150.00	
Rev. George L. Paine	100.00	
Mr. and Mrs. Stephen Paine	400.00	
Mr. and Mrs. Walter C. Paine	500.00	
Mrs. Cortlandt Parker	500.00	
Penn Metal Company, Inc.	500.00	
Mr. Elliott Perkins	100.00	
Mrs. Arthur Perry	100.00	
Mrs. Arthur Perry, Jr.	100.00	
Mr. Donald P. Perry	100.00	
Mrs. Sherman Perry	100.00	
Mrs. Charles H. Pettit	1,000.00	
Mr. A. V. Phillips	100.00	
Dr. and Mrs. Philip Phillips	1,000.00	
Mrs. J. D. Phillips	1,000.00	
Mrs. George H. Powers	100.00	
Carried forward	$194,183.13	$415,286.13

Brought forward	$194,183.13	$415,286.13
Mr. and Mrs. H. Glenn Powning, Jr.	100.00	
Mr. Frederick S. Pratt	200.00	
Mrs. W. Elliott Pratt, Jr.	751.25	
Mr. Jerome Preston	100.00	
Mrs. Lewis I. Prouty	1,000.00	
K. J. Quinn & Co., Inc.	500.00	
Raffi and Swanson, Inc.	100.00	
A. C. Ratshesky Foundation	500.00	
Dr. and Mrs. Eugene Record	500.00	
Mr. Alfred C. Redfield	100.00	
Reed and Barton Corporation	500.00	
Mr. Franklin Remington	100.00	
Mr. E. H. R. Revere	100.00	
Mr. J. Preston Rice	257.50	
Mr. and Mrs. Elliot L. Richardson	300.00	
Mrs. George W. Richardson	100.00	
Mr. and Mrs. John Richardson	100.00	
Miss Mabel Louise Riley	1,000.00	
Mr. and Mrs. Russell Robb	316.25	
Mr. Fred N. Robinson	500.00	
Dr. and Mrs. Grant V. Rodkey	250.00	
Mr. Daniel J. Rogers	125.00	
Dr. and Mrs. Horatio Rogers	3,500.00	
Mr. Arthur Rosen	200.00	
Mr. Harold S. Ross	200.00	
Miss Lucia Russell	100.00	
Mr. Frank P. Ryan	100.00	
Salada Tea Company	3,000.00	
Sanborn Company	250.00	
Mrs. Austin W. Scott	100.00	
Mr. and Mrs. Donald Scott	120.00	
Miss Evelyn G. Sears	100.00	
Security Mills, Inc.	200.00	
H. J. Seiler Co.	100.00	
Mr. Arthur Schectman	100.00	
Mrs. S. J. Shallow	2,000.00	
Mr. Oscar M. Shaw	100.00	
Mr. and Mrs. W. K. Shaw, Jr.	1,000.00	
Miss Edith M. Shepard	250.00	
Mr. and Mrs. Henry R. Shepley	600.00	
Sheraton Corporation of America	100.00	
Mrs. Gifford K. Simonds	2,500.00	
Alfred P. Sloan Foundation, Inc.	10,000.00	
Miss Mary Byers Smith	100.00	
Mr. J. R. Snider	100.00	
Mrs. William B. Snow	100.00	
Dr. and Mrs. William D. Sohier, Jr.	1,000.00	
Mr. Huntley N. Spaulding	5,000.00	
Sprague Electric Company	2.500.00	
Hotel Statler	100.00	
Miss Anna B. Stearns	100.00	
Mr. Foster Stearns	100.00	
Mr. and Mrs. Alan Steinert	198.75	
Mrs. C. Brooks Stevens	100.00	
Carried forward	$235,691.88	$415,286.13

Brought forward	$235,691.88	$415,286.13
Mr. Robert H. Stevenson	500.00	
Mr. Gilbert L. Steward	100.00	
Mrs. Philip Stockton	770.76	
Stone Brothers Charitable Trust	100.00	
Mr. Robert G. Stone	1,000.00	
Stowe-Woodward, Inc.	200.00	
Mr. and Mrs. John O. Stubbs	430.75	
Mr. E. Kent Swift	551.56	
Mrs. George H. Swift	1,000.00	
Miss Beatrice Talbot	100.00	
Mr. William O. Taylor	100.00	
Dr. Henry C. Thacher	100.00	
Mr. and Mrs. Thomas C. Thacher	100.00	
Mrs. Frank H. Thayer	200.00	
Dr. E. E. Thomas	100.00	
Dr. and Mrs. Augustus Thorndike	100.00	
Miss Alice Thorp	100.00	
Mr. and Mrs. Walter P. Tobey	100.00	
Mr. Samuel J. Tomasello	125.00	
Miss Elizabeth Townsend	200.00	
Miss Rose Townsend	100.00	
Miss Grace W. Treadwell	100.00	
Tredennick-Billings Co.	500.00	
Mrs. Sears Tuckerman	250.00	
Mr. and Mrs. Howard M. Turner	100.00	
Mrs. William J. Underwood	100.00	
United-Carr Fastener Corporation	1,000.00	
United Elastic Foundation	500.00	
United Merchants and Manufacturers, Inc.	250.00	
Dr. Beth Vincent	600.00	
Mr. and Mrs. F. Frank Vorenberg	100.00	
Mr. George R. Walker	100.00	
Mr. John Ward	100.00	
Ward Steel Co.	100.00	
Mrs. Guy Waring	100.00	
Mr. and Mrs. Glenn B. Warren	300.00	
Mr. and Mrs. Howland S. Warren	231.00	
Trustees u/w Frederick E. Weber	2,000.00	
Mr. Louis Weinberg	100.00	
Dr. Claude E. Welch	1,000.00	
Mr. and Mrs. Walter W. Weld	100.00	
Albert S. Wells' Trusts	700.00	
Mr. and Mrs. J. Cheney Wells	500.00	
Mr. John M. Wells	2,000.00	
Westfield Foundation	100.00	
Mr. and Mrs. B. F. Whalen	100.00	
Mr. and Mrs. Leeds A. Wheeler	200.00	
Mr. James N. White	100.00	
White, Weld & Co.	300.00	
Mr. Max O. Whiting	100.00	
Dr. Richard G. Whiting	135.00	
The Whitinsville Foundation	250.00	
Rev. Francis Lee Whittemore	100.00	
Mr. and Mrs. Robert G. Wiese	103.75	
Carried forward	$254,063.70	$415,286.13

Brought forward	$254,063.70	$415,286.13
Mr. A. T. Wilkinson	200.00	
Miss Mary E. Williams	250.00	
Mr. and Mrs. Ben L. Wilson	100.00	
Mr. G. H. Windeler	500.00	
Mrs. Frederick Winsor	1,500.00	
Mr. John Wolbach	300.00	
Mr. Oliver Wolcott	250.00	
Mr. and Mrs. Paul I. Wren	100.00	
Mr. George L. Wrenn, 2nd	100.00	
Mr. and Mrs. Theodore Zoli	100.00	
*2,680 Donations of under $100.00	181,290.74	438,754.44
NEUROSURGICAL OPERATING ROOM		
Gifts of		
Mr. Francis I. Amory	$ 250.00	
Anonymous	10,000.00	
Bay State Charitable Trust	21,000.00	
Mr. Graham B. Blaine	523.44	
Mr. and Mrs. Charles C. Cabot	1,221.00	
Mr. and Mrs. Henry B. Cabot	5,000.00	
Mr. Richard C. Paine	3,000.00	
Mrs. Doris A. Preston	3,000.00	43,994.44
NURSES' HOME		
Gift of Mrs. D. E. Hollidge		8.00
PATHOLOGY BUILDING FUND		
Gifts in memory of Dr. Tracy B. Mallory		105.00
		$898,148.01

McLEAN HOSPITAL FUNDS

Fund No.			
	GENERAL FUND		
	Gifts		
	In Memory of Francis Shaw, Jr..	$ 75,816.13	
	In Memory of Mr. and Mrs. William V. Z. Wilson	50.00	
	Bequest of Miss Mary D. Sedgwick	5,000.00	80,866.13
	RESEARCH LABORATORY ALTERATIONS		
	Gift of Mr. Thomas Campbell		50.00
60	ANNABELLA McCREA SCHOLARSHIP FUND		
	Gift of Mrs. Charles A. Collidge	$ 100.00	
	Bequest of Miss Mary L. McKenna	1,000.00	1,100.00
	TOTAL PRINCIPAL FUNDS		$980,164.14

INCOME FUNDS

General Hospital Funds

Treasurer's Funds

ANNUAL FREE BED FUND

Mr. and Mrs. Philip R. Allen	$ 400.00
Mrs. William H. Ames	200.00
Mr. and Mrs. Nelson S. Bartlett	100.00
Mr. Thomas P. Beal	100.00
In Memory of Mrs. Ida DeFord Beal	
Mr. and Mrs. Thomas P. Beal	100.00
Mrs. Arthur W. Bell	100.00
Mrs. Taylor Black	500.00
Mrs. J. D. Camerson Bradley	100.00
Miss Ellen T. Bullard	100.00
Mr. and Mrs. Robert J. Clark	100.00
In Memory of Ensign Robert FitzGerald Clark	
Miss Lucy C. Crehore	100.00
In Memory of Charles L. Crehore	
Mrs. S. V. R. Crosby	100.00
Mrs. Louis Curtis	100.00
Miss Mary Curtis	100.00
Mrs. Malcolm Donald	100.00
Mr. and Mrs. Augustus H. Eustis	100.00
In Memory of Ernest W. Bowditch	
Mrs. Stephen S. FitzGerald	500.00
In Memory of Francis Blake	
Mr. and Mrs. Francis C. Gray	400.00
Mrs. Richard Walden Hale	100.00
Miss Aimee Lamb	1,000.00
Mr. Ralph Lowell	100.00
In Memory of Mary Ellen Lowell	
Mr. and Mrs. Ralph Lowell	100.00
In Memory of John Lowell 1816-1820	
John Amory Lowell 1843-1851	
John Lowell 1856-1870	
John Lowell 1910-1922	
Trustees of The Massachusetts General Hospital	
Mr. and Mrs. Samuel Mixter	250.00
Dr. and Mrs. William Jason Mixter	100.00
In Memory of Samuel J. Mixter	
Mr. and Mrs. Henry A. Morss, Jr.	250.00
Mrs. Franklin H. Palmer	100.00
Mr. and Mrs. William Amory Parker	800.00
Miss Amelia Peabody	200.00
Dr. and Mrs. Francis M. Rackemann	100.00
In Memory of Mr. and Mrs. S. P. Mandell	
Mr. Neal Rantoul	1,000.00
Mrs. Robert Saltonstall	250.00
1916 Sewing Circle	100.00
Miss Eleanor Sohier	100.00
Carried forward	$7,850.00

Brought forward	$7,850.00	
Mr. and Mrs. Malcolm B. Stone	100.00	
Mrs. Rudolph Weld	200.00	
In Memory of Rudolph Weld Women's Italian Club of Boston	75.00	8,225.00

CURRENT EXPENSE FUND

Agoos Family Charity Fund	$ 250.00	
Mr. and Mrs. Roger Amory	200.00	
The Blanchard Foundation	1,000.00	
Mrs. Henry G. Bradlee	100.00	
Mr. and Mrs. Henry G. Bradlee, Jr.	100.00	
Mr. Gorham Brooks	200.00	
Dr. Madelaine R. Brown	100.00	
Miss Alice P. Chase	100.00	
Bequest of Miss Caroline E. Chickering	6,132.34	
Committee of the Permanent Charity Fund	17,000.00	
Miss Lucy C. Crehore	150.00	
Mr. Eben S. Draper	250.00	
Mr. and Mrs. Frederic A. Eustis	100.00	
Mrs. James M. Faulkner	200.00	
Mrs. Elisha Flagg	125.00	
Miss Edith M. Fox	250.00	
George A. Fuller Co.	200.00	
Mr. R. H. Ives Gammell	500.00	
Mr. and Mrs. Francis C. Gray	600.00	
Mr. Henry V. Greenough	100.00	
Grosberg Family Charity Fund, Inc.	100.00	
Mr. Charles C. Hewitt	250.00	
Bequest of Samuel C. Howes	1,600.00	
Miss May Jacobs	100.00	
Bequest of Sigmund Leve	1,125.00	
Miss Amelia Peabody	300.00	
Mr. and Mrs. John R. Post	100.00	
Mrs. George H. Powers	100.00	
Mr. and Mrs. George Putnam	1,000.00	
Mr. Neal Rantoul	1,000.00	
Mrs. Arthur W. Rice	100.00	
Miss Mabel Louise Riley	150.00	
Mr. Malcolm B. Stone	175.00	
Miss Elizabeth Townsend	200.00	
United Community Services	168,511.75	
Mrs. Roger S. Warner	100.00	
Dr. and Mrs. Charles J. White	200.00	
*65 Donations of Under $100.00	1,622.84	204,391.93
Carried forward		$212,616.93

Brought forward		$212,616.93
CUSHMAN FUND FOR SOCIAL SERVICE		
Gift of Mrs. Charles F. Cushman		100.00
KAYPE FUND		
Gift of Anonymous		1,000.00
MACOMBER MEMORIAL FUND		
Gifts of Sundry Donors		325.00
PARKER FUND		
Gift of Mrs. Cortland Parker		5,000.00
PURCHASE OF STAFF ROOM AIR CONDITIONER		
Gift of Mrs. Louis A. Shaw		500.00
PURCHASE OF WHEELCHAIRS		
Gifts of		
Mr. Herman Dana	$ 560.00	
Mr. Morris Simlovich	537.60	1,097.60
STEVENS FOUNDATION FUND		
Gift of Nathaniel and Elizabeth P. Stevens Foundation		37,000.00
EDWIN S. WEBSTER MEMORIAL FUND		
Bequest of Edwin S. Webster	$ 5,000.00	
Gifts of		
Mrs. Edwin S. Webster	45,320.00	
Edwin S. Webster Foundation	30,000.00	80,320.00
		$337,959.53

Funds For Special Purposes

ANESTHESIA DEPARTMENT

Fund No.		
3004	Cabot Foundation Fund for Photography u/d Dr. Briggs	$ 250.00
3005	U.S. Public Health Service Fund for Study of Relationship of Thyroxin to the Reflex Sympathoadrenal Release and Effects of Epinephrine and Norepinephrine u/d Dr. Brewster	4,120.00
3006	U.S. Public Health Service Fund for Study of Relation of Thyroxin and Triiodothyronine to Epinephrine u/d Dr. Brewster	13,414.60
3007	U.S. Public Health Service Fund for Study of Relationship of Personality to Effect of Drugs u/d Dr. Beecher	15,505.00
3023	National Academy of Sciences Fund for Analgesic Potency Studies of Post-operative Patients in Pain u/d Dr. Beecher	18,650.00
3030	Mallinckrodt Chemical Works Fund for Research in Anesthetics u/d Dr. Beecher	20,827.00
	Carried forward	$410,726.13

	Brought forward		$410,726.13
3046	G. D. Searle & Co. Fund for Study of Post-operative Nausea u/d Dr. Beecher		4,687.00
	BIOCHEMISTRY RESEARCH LABORATORY		
3115	U.S. Public Health Service Fund for Research on the Mechanism of Enzymatic Group Activation with ATP u/d Drs. Lipmann and Jones		7,148.00
3170	Sundry Gifts at the Disposal of Dr. Lipmann		
	American Cancer Society, Inc.	$ 1,000.00	
	Life Insurance Medical Research Fund	500.00	
	National Foundation for Infantile Paralysis	3,000.00	4,500.00
3185	American Cancer Society Fund for Study of Enzymes Responsible for Transfer of Phosphate u/d Dr. Gregory		1,184.00
3222	Life Insurance Medical Research Fund for Research in Enzyme Mechanisms in Biosynthesis u/d Dr. Lipmann		16,500.00
3229	U.S. Public Health Service Fund for Study of Enzyme Reactions in Biosynthetic Systems u/d Dr. Lipmann		7,909.24
3230	U.S. Public Health Service Fund for Study of Enzyme Reactions in Biosynthetic Systems u/d Dr. Lipmann		11,181.00
3256	Rockefeller Foundation Fund for Research u/d Dr. Lipmann		12,725.05
	BLOOD BANK		
3300	Sundry Gifts for Support of the Blood Bank		
	American Austrian Benefit Association		15.00
	BRAIN WAVE LABORATORY		
3355	Allen P. & Josephine B. Green Foundation Fund for Research in Parkinson's Disease u/d Dr. Schwab		10,000.00
3375	Neuropharmacological Research Fund		
	Abbott Laboratories	$ 1,000.00	
	American Cyanamid Company	1,500.00	
	American Home Products Corp.	2,022.12	
	Batrow Laboratories, Inc.	702.00	
	Burroughs Wellcome & Co. (USA) Inc.	1,375.00	
	Hoffmann-LaRoche Inc.	3,000.00	
	Eli Lilly and Company	2,625.00	
	Parke, Davis & Company	2,375.00	
	A. H. Robins, Inc.	1,875.00	
	Sandoz Chemical Works, Inc.	1,375.00	
	G. D. Searle & Co.	1,129.60	
	Sterling-Winthrop Research Institute	1,500.00	
	Warner Hudnut, Inc.	2,250.00	22,728.72
	Carried forward		$509,304.14

	Brought forward		$509,304.14
3385	Sundry Gifts for Research in Parkinson's Disease		
	*108 Sundry Donors		8,222.00
3410	Myasthenia Gravis Foundation Fund for Research u/d Dr. Schwab		
	Mr. and Mrs. Lawrence W. Burke	20.00	
	In Memory of Miss Evelyn Gale	169.00	
	In Memory of Daniel Imrie	5.00	
	Myasthenia Gravis Foundation, Inc.	1,500.00	
	Dr. David Robinson	20.00	1,714.00

CANCER RESEARCH

3450	MGH Cancer Research Fund		
	Gift in memory of Mrs. Olivia Thorndike Cheever	1,000.00	
	Bequest of Mrs. Bertha E. Consadine	2,000.00	
	Bequest of Miss Marion L. Wheeler	2,261.95	5,261.95
3475	American Cancer Society Fund for Cancer Research		85,171.00
3607	American Cancer Society Fund for Study of Purines and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		4,500.00
3608	American Cancer Society Fund for Study of Purines and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		1,500.00
3612	American Cancer Society Fund for Research in Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Aub		10,718.25
3613	American Cancer Society Fund for Research on Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Aub		3,572.75
3630	Dean Welfare Trust Fund for the Purchase of Special and Unusual Medicines		50.00
3655	Jane Coffin Childs Memorial Fund for Research on Urinary Steroid Metabolities in Cancer u/d Drs. Engel and Baggett		8,380.00
3690	Godfrey M. Hyams Trust Fund at the disposal of Dr. Aub		10,750.00
3701	American Cancer Society Fund for Spectroscopic Investigation of Molecular Interaction in Compounds of Biological Importance u/d Dr. Scott		4,875.00
	Carried forward		$654,019.09

	Brought forward		$654,019.09
3702	American Cancer Society Fund for Spectroscopic Investigation of Molecular Interaction u/d Dr. Scott		1,625.00
3715	Ira T. Nathanson Memorial Fund for Cancer Research u/d Dr. Aub		
	In Memory of Mrs. Tillie Katz	4.00	
	In Memory of Mrs. Elizabeth K. Lyeth	22.00	
	In Memory of Mrs. Elizabeth Meltzer	579.50	
	In Memory of Nathan Newbury, Jr.	1,132.75	
	In Memory of Sol Rotenberg	8.00	1,746.25
3747	Jane Coffin Childs Memorial Fund for Study of Urinary Steroid Metabolism in Cancer u/d Drs. Aub and Engel		8,380.00
3757	American Cancer Society (Mass. Div.) Fund for Study of Mechanism Involved in Responsiveness of Human Tumors to Steroids and Chemotherapeutic Agents u/d Dr. Baker		4,870.80
3771	U.S. Public Health Service for Study of Ferritin and Hemin Synthesis u/d Dr. Zamecnik		5,333.00
3845	American Cancer Society (Mass. Div.) Fund for Study of Cell Surfaces of Tumors u/d Dr. Aub		5,292.00
3870	Sundry Gifts for Cancer Research u/d Dr. Aub		
	In Memory of Miss Anna D. Aliberti	256.70	
	In Memory of B. Howard Benson	2.00	
	In Memory of Harry Berman	2.00	
	Mrs. Henry C. Berlin	100.00	
	In Memory of Mrs. Sarah Blacker	1.00	
	The Bordeaux Belles	25.00	
	In Memory of Henry J. Bornhofft	45.00	
	In Memory of J. Edward Carson	5.00	
	In Memory of Angelo Coviello	17.00	
	In Memory of Mrs. Marie D'Aloisio	320.00	
	In Memory of Mrs. Rose Davidson	10.00	
	In Memory of Mrs. A. W. Dowd	10.00	
	In Memory of William B. Durkee	343.00	
	In Memory of Simon England	200.00	
	Mr. and Mrs. Henry Factoroff	5.00	
	In Memory of Mrs. Helene Farwell	30.00	
	Mr. Joseph F. Ford	250.00	
	In Memory of Frank E. Gage	20.00	
	In Memory of Louis A. Gale	28.00	
	In Memory of Miss Martha Goldshine	148.50	
	In Memory of Mrs. Edith F. Greenberg	10.00	
	In Memory of John P. Hardy	17.00	
	Harvard Combined Charities	3.00	
	Miss Eva Hedstrom	5.00	
	Carried forward	$1,853.20	$681,266.14

	Brought forward	$1,853.20	$681,266.14
	In Memory of Mrs. Nancy Iandoli	5.00	
	In Memory of Henderson Inches	100.00	
	In Memory of William W. Johnson	50.00	
	In Memory of Miss Ruth Kratman	19.00	
	In Memory of Miss Jeanne Lepine	10.00	
	Mrs. Esther Livingstone	5.00	
	In Memory of Caleb Loring	300.00	
	In Memory of Mrs. Charlotte McElwain	747.00	
	In Memory of Mrs. Mabel Murray	25.00	
	In Memory of Morris Narefs	80.25	
	In Memory of Mrs. Ida Nicholas	21.50	
	In Memory of Mrs. Beatrice W. Perrin	869.00	
	In Memory of Mrs. Hazel T. Poor	25.00	
	In Memory of Louisa Roth	25.00	
	In Memory of Morris Shapiro	19.00	
	Mr. Louis Shindler	10.00	
	In Memory of Jennie Silberstein	2.00	
	Mrs. Philip Silverman	10.00	
	In Memory of Frederick Simonds	5.00	
	In Memory of William W. Smith	25.00	
	In Memory of Mrs. Phyllis Sommers	40.00	
	In Memory of Walter Steeves	360.25	
	In Memory of Benjamin Stone	1.00	
	Mr. Frank H. Sullivan	10.00	
	In Memory of Harris H. Todd	45.00	
	In Memory of Edward S. Trainor	5.00	
	Miss Edna Vollmer	500.00	
	In Memory of Emlyn S. Vose	63.00	
	Mrs. Janet W. Walter	50.00	
	Miss Eileen M. Weller	25.00	
	In Memory of Hyman Zalkind	1.00	5,306.20
3904	U.S. Public Health Service Fund for Histochemical Study of Growth and Neoplasia u/d Dr. Scott		8,648.83
3905	U.S. Public Health Service Fund for Histochemistry Study of Uncontrolled Cell Growth u/d Dr. Scott		19,051.37
3916	U.S. Public Health Service Fund for Study of Nuclear and Cytoplasmic Factors Controlling Cellular Growth u/d Dr. Aub		14,718.45
3922	Atomic Energy Commission Fund for Cancer Research u/d Dr. Aub		17,176.16
3923	Atomic Energy Commission Fund for Cancer Research u/d Dr. Aub		54,435.00
4121	American Cancer Society (Mass. Div.) Fund for the Salary of a Research Secretary u/d Dr. Kelley		3,947.40
	Carried forward		$804,549.55

	Brought forward		$804,549.55
4200	Sundry Gifts for the Tumor Clinic Miss Lenora Bessey		40.00
DERMATOLOGY SERVICE			
4310	Reheis Company Fund for Study of the Effect of Antiperspirants on the Skin u/d Dr. Blank		6,250.00
4340	Upjohn Company Fund for Clinical Evaluation of Steroid Ointments and Lotions u/d Drs. Blank and Frazier		3,000.00
4415	Dr. G. Marshall Crawford Memorial Fund for Research u/d Dr. Frazier Dr. John L. Fromer Mr. and Mrs. Henry DeC. Ward	50.00 25.00	75.00
4426	Parke, Davis & Company Fund for Study of Reaction of Adhesive Tape on the Skin u/d Dr. Blank		4,275.00
4460	American Cancer Society Fund for the Fellowship of Dr. R. D. Griesemer		6,000.00
ENDOSCOPY SERVICE			
4500	Maud Benson Benedict Memorial Fund for Endoscopy and Research Drs. Edward B. and Patricia H. Benedict		480.94
FREE CARE			
4553	Isabella Stewart Gardner Fund		65,000.00
4560	Dean Foundation for Little Children Fund for the Care and Relief of Destitute Little Children		2,000.00
4620	Nelson E. Weeks Fund for Free Care of Needy Patients		1,625.00
4625	Sundry Memorial Gifts for Free Care In Memory of Vera Ivanova Bean In Memory of Mrs. Amy Coolidge In Memory of Dr. John W. Cummin In Memory of Michael L. Fahey In Memory of Gardiner H. Fiske In Memory of Charles H. W. Foster In Memory of Mrs. Mary A. Frothingham In Memory of Herbert Gale In Memory of Morris Gilbert In Memory of John H. Harwood In Memory of Dr. Francis T. Hunter In Memory of Alfred W. Lind In Memory of Mrs. Ida M. Morse In Memory of Mrs. Isabella L. Mumford	10.00 50.00 10.00 25.00 50.00 191.00 1,245.00 15.00 10.00 10.00 10.00 7.50 12.00 600.00	
	Carried forward	$2,245.50	$893,295.49

	Brought forward	$2,245.50	$893,295.49
	In Memory of Mrs. Katharine P. Peabody	10.00	
	In Memory of Miss Jennie Rivitz	2.00	
	In Memory of Miss Mary T. Shields	2.00	
	In Memory of Roger J. Sylvia	25.00	
	In Memory of William O. Taylor	40.00	
	In Memory of Helge Tobiassen	15.00	
	In Memory of Dr. James R. Torbert	10.00	
	In Memory of Mrs. Vivian M. Ward	10.00	2,359.50
4626	Sundry Gifts from Grateful Patients for Free Care		
	Anonymous	5.00	
	Mr. and Mrs. J. B. Berry	50.00	
	Mr. William Emerson	50.00	
	Mr. R. G. Fraser	25.00	
	Mr. James A. Goldsmith, Jr.	100.00	
	Mrs. Freda Haddad	15.00	
	Mr. George R. Hubbard	25.00	
	Miss Lorna G. Jennings	25.00	
	Mr. Rudolf F. Kahn	2.00	
	Rev. John Kelly	25.00	
	Mrs. Lillian Kingsbury	19.00	
	Mr. Frank Marcucella	50.00	
	Miss Katherine McGrath	5.00	
	Rev. Cornelius Murray	5.00	
	Miss Rena V. Oberson	5.00	
	Mr. Daniel Sargent	100.00	
	Mr. Alexander Topoozian	2.00	
	William Underwood Company	150.00	658.00
4680	Sundry Gifts for the Purchase of Expensive Therapeutic Agents for Needy Patients		
	Mr. Donald McKay Frost		100.00
	GYNECOLOGY SERVICE		
4681	National Academy of Sciences Fund for Research u/d Dr. McArthur		4,875.00
4761	Research Fund for Follow-up Studies u/d Dr. Graham		
	Mrs. Robert Abel		25.00
	MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS		
4810	Ladies' Visiting Committee Fund for Secretarial Work for the Ladies' Visiting Committee		264.00
	Carried forward		$901,576.99

	Brought forward		$901,576.99
4860	Sundry Gifts at the Disposal of the General Director		
	Boston Retail Credit Women's Association	25.00	
	Dr. William J. Brickley	20.00	
	Dean Welfare Trust	50.00	95.00
4865	Sundry Gifts at the Disposal of the Director of the Phillips House		
	Mr. Richard M. Everett	40.00	
	Mr. Henry C. Fenderson	10.00	50.00
4870	Ladies' Visiting Committee "Travelli" Fund		1,000.00
	MEDICAL SERVICE		
5040	M.G.H. Research Fund		
	American Cyanamid Company	10,000.00	
	Armour and Company	7,500.00	
	Burroughs Wellcome & Co. (USA) Inc.	5,000.00	
	In Memory of J. Paul Hoag	10.00	
	Mr. G. M. Kidder	5.00	
	In Memory of Miss Beatrice V. Pendleton	15.00	
	In Memory of Mrs. Hazel T. Poor	331.00	
	Raytheon Manufacturing Company	2,500.00	
	In Memory of Elizabeth B. Ritchie	1,000.00	
	Miss Phyllis Robbins	30.00	
	Miss Miriam Kurland Rudnick	5.00	
	Miss Lucia Russell	100.00	
	G. D. Searle & Co.	4,000.00	
	In Memory of Philip S. Slocum	255.00	
	E. R. Squibb & Sons	5,000.00	
	Sterling-Winthrop Research Institute	5,000.00	
	Mr. Charles H. Taylor	100.00	
	The Upjohn Company	10,000.00	
	Mr. Edgar Ward	100.00	
	In Memory of Simeon J. Whitney	35.00	50,986.00
5110	Atomic Energy Commission Fund for Research on the Metabolism of Calcium and Strontium u/d Dr. Stanbury		20,955.00
5150	Sundry Gifts for the Study of Hemorrhagic Diseases u/d Dr. Jacobson		
	Mr. Burton Jolles		150.00
5162	Loufbourow Memorial Fund for Research in Hypertension u/d Dr. Palmer		
	Mrs. E. M. Slocombe	15.00	
	In Memory of Langdon Warner	198.00	213.00
5163	Good Will Fund at the disposal of Dr. Gerardo Balboni		
	Mrs. Mary D. Como	10.00	
	In Memory of Mrs. Marie D'Aloisio	25.00	
	Mr. and Mrs. Rocco D'Angelo	15.00	
	Mr. Louis M. Deferrari	25.00	
	Carried forward	$288.00	$975,025.99

	Brought forward	$288.00	$975,025.99
	Mr. Albert C. DelBene	50.00	
	Mr. Bennie DelBene	50.00	
	Mr. Carmen DelBene	15.00	
	Mr. and Mrs. Mario DelBene	10.00	
	Mr. Saverio DelBene	10.00	
	Mrs. Phyllis D. Epstein	10.00	
	Mr. Frank Gabrielli	5.00	
	Mrs. Teresa Lavezzo	25.00	
	Mrs. Susie C. Ledwith	25.00	
	Mr. and Mrs. Salvatore Morteo	10.00	
	Miss Delfina Parenti and Mrs. Zoe Parenti Borghi	10.00	
	Mrs. Pearl Pizzi	10.00	
	Mr. Joseph Puccia	10.00	
	Mr. Peter Salvi	200.00	
	Mrs. Jennie Santangelo	10.00	
	Mrs. Carmela DelBene Tenaglia	10.00	
	Mr. Carlo Tonelli	20.00	595.00
5170	American Heart Association Fund for Study of Distribution of Large Water Load and Site of Action of Cortisone u/d Dr. Leaf		5,250.00
5186	U.S. Public Health Service Fund for Study of Proteolytic Enzymes u/d Dr. Berg		5,856.00
5195	Massachusetts Heart Association Fund for Study of Factors Regulating Renal Excretion of Water and Electrolytes u/d Dr. Leaf		2,078.00
5210	Atomic Energy Commission Fund for Research on Radiation Effect in the Thyroid		13,000.00
5235	U.S. Public Health Service Fund for Study of Thyroid Stimulating Hormone u/d Dr. Stanbury		11,586.00
5309	U.S. Public Health Service Fund for Study of the Effect on the Brain of Circulation in Man u/d Dr. William Chapman		9,710.00
5319	U.S. Public Health Service Fund for the Expenses of Dr. Tuttle		500.00
5326	National Academy of Sciences Fund for the Expenses of Dr. Postel		500.00
5327	U.S. Public Health Service Fund for the Expenses of Dr. Dow		500.00
5335	Warner-Hudnut, Inc. Fund for Thyroid Research u/d Dr. Lerman		1,500.00
5361	U.S. Public Health Service Fund for Study of the Parometers of the Thyroid Gland u/d Dr. Brownell		7,216.60
	Carried forward		$1,033,317.59

	Brought forward		$1,033,317.59
5362	U.S. Public Health Service Fund for Study of the Parometers of the Thyroid Gland u/d Dr. Brownell		8,480.00
5381	U.S. Public Health Service Fund for Study of the Application of a Scintillation Counter to Multiple Tracer Experiments u/d Dr. Brownell		6,007.00
5405	Atomic Energy Commission Fund for Research to Establish a Beryllium Case Registry u/d Dr. Hardy		7,151.50
5412	U.S. Public Health Service Fund for Study of Pulmonary Diseases due to Toxic Chemicals and Dust u/d Dr. Hardy		7,797.00
5416	National Tuberculosis Association for Research u/d Dr. Burrage		500.00
5420	The Upjohn Company Fund for Study of Steroid Hormones in the Management of Intractable Asthma		5,000.00
5425	U.S. Public Health Service Fund for Study of the Composition, Function and Malfunction of Connective Tissue u/d Dr. Gross		24,870.80
5430	Sundry Gifts for the Allergy Clinic u/d Dr. Burrage		
	Anonymous	6,000.00	
	Mrs. William T. Aldrich	200.00	
	The Mary Dexter Fund, Inc.	1,000.00	
	Mrs. Aldus C. Higgins	500.00	
	Mrs. Lewis I. Prouty	5,000.00	12,700.00
5433	Lakeside Laboratories, Inc. Fund for Study of the Therapy of Bronchial Asthma u/d Dr. Burrage		3,750.00
	MEDICAL SERVICE, ARTHRITIS		
5436	Sundry Gifts for the Renovation of Dr. Bauer's Office		
	Mr. Joseph P. Buyniski	100.00	
	Mr. Joseph M. Linsey	500.00	
	Mr. Abraham P. Yarchin	100.00	700.00
5438	Eli Lilly Company Fund for Research u/d Dr. Bauer		10,000.00
5439	Helen Hay Whitney Foundation Fund for Study of Connective Tissue Disease u/d Dr. Batchelor		10,000.00
5442	U.S. Public Health Service Fund for Study of the Carbohydrate Components of Connective Tissue u/d Dr. Jeanloz		7,562.14
	Carried forward		$1,137,836.03

	Brought forward	$1,137,836.03
5443	U.S. Public Health Service Fund for Study of Connective Tissue u/d Dr. Jeanloz	11,691.00
5450	Gifford K. Simonds Memorial Fund for Arthritic Research u/d Dr. Bauer Mrs. Gifford K. Simonds	2,500.00
5451	U.S. Public Health Service Fund for Study of the Derangement of Mesenchymal Tissue u/d Dr. Bauer	10,800.00
5458	Massachusetts Heart Association Fund for Study of Pleuropneumonia-like Organisms and the L Form of Hemolytic Streptococcus in Rheumatic Fever and Rheumatoid Arthritis u/d Dr. Sharp	4,400.00
5459	Helen Hay Whitney Foundation Fund for Study of Proteins and Glycoproteins of Connective Tissue and Serum u/d Dr. Bauer	19,715.10
5462	U.S. Public Health Service Fund for Study of Plasma and Connective Tissue Glycoproteins u/d Dr. Schmid	7,000.00
5466	American Heart Association Fund for Study of the Biological Significance of the Sulfate Group in Herapins u/d Dr. Jeanloz	1,312.50
5467	U.S. Public Health Service Fund for Study of the Pathogenesis of Amyloidosis u/d Dr. Bauer	500.00
5468	Arthritis and Rheumatism Foundation Fund for the Laboratory Expenses of Dr. Sharp	500.00
5469	Arthritis and Rheumatism Foundation Fund for the Laboratory Expenses of Dr. Decker	500.00
5472	U.S. Office of Vocational Rehabilitation Fund for Training in the Rehabilitation of Arthritics u/d Dr. Bauer	8,000.00
5477	Massachusetts Heart Association Fund for Research on Formation of Extracellular Connective Tissue Substance u/d Dr. Gross	3,740.00
5487	U.S. Public Health Service Fund for Study of the Biochemistry of Amino Sugar-Containing Tissue Constituents u/d Dr. Soodak	6,350.00
	MEDICAL SERVICE, BIOLOGY	
5491	Rockefeller Foundation Fund for Research in Endocrinology and Metabolism u/d Dr. Albright	2,000.00
	Carried forward	$1,216,844.63

	Brought forward		$1,216,844.63
5520	Sundry Gifts for Support of Laboratory Ayerst Laboratories		3,000.00
5530	Mallinckrodt Chemical Works Fund for the Support of Dr. Albright		1,000.00
	MEDICAL SERVICE, CARDIAC		
5535	Riker Laboratories Fund for Study of Reserpine and Rauwiloid		750.00
5540	Sundry Gifts for Coronary Research u/d Dr. Paul D. White		
	Anonymous	$ 200.00	
	Mr. George W. Coffin	100.00	
	Mr. Hiram B. Flint	25.00	
	Mr. Benjamin Marks	50.00	
	Mr. and Mrs. W. Stephens Mayer	100.00	
	J. A. & Bessie Slosberg Charitable Foundation	500.00	
	Dr. Paul D. White	645.00	1,620.10
5569	U.S. Public Health Service Fund for the Study of Pulmonary Hypertension u/d Dr. Bland		14,713.12
5574	U.S. Public Health Service Fund for the Study of Pulmonary Hypertension u/d Dr. Bland		6,557.03
5581	Massachusetts Heart Association Fund for Study of Vectorcardiography u/d Dr. Williams		2,200.00
5590	Mickles Fund for Cardiac Research u/d Dr. Bland Mr. and Mrs. John B. Mickles		1,500.00
5598	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		11,491.61
5600	Muscular Dystrophy Association Fund for Paperelectrophoretic Studies on Muscle Proteins u/d Dr. Gergely		5,625.00
5607	Life Insurance Medical Research Fund for Research on the Biochemistry of Heart Muscle u/d Dr. Gergely		1,760.00
5610	Sundry Gifts for Research u/d Dr. Bland		
	Dr. E. F. Bland and Associates	$18,972.76	
	In Memory of Mrs. Mary L. Bland	50.00	
	In Memory of Walter Boireau	5.00	
	Cardiac Catheterization Group	125.00	
	In Memory of Mrs. Grace H. Chase	10.00	
	In Memory of Mrs. Elizabeth A. Cloney	5.00	
	In Memory of James H. Creedon	10.00	
	Carried forward	$19,177.76	$1,267,061.49

	Brought forward	$19,177.76	$1,267,061.49
	Mr. Henry E. Dodge	10.00	
	In Memory of Archie W. Farrell	5.00	
	In Memory of Francis J. Hall	5.00	
	In Memory of R. Cushing Hamlen	5.00	
	In Memory of Mrs. Russell T. Hamlet	5.00	
	In Memory of John H. Harwood	60.00	
	In Memory of Leslie D. Hawkridge	125.00	
	In Memory of Simon Holzman	1.00	
	In Memory of Abraham Kaplan	7.50	
	In Memory of Mrs. John A. Matheson	8.00	
	In Memory of A. M. McVie	15.00	
	In Memory of Wescott Merrow	31.00	
	In Memory of Mrs. Ada Milner	10.00	
	In Memory of Bruno Ricardi	2.00	
	Mrs. Albert Roberts	100.00	
	In Memory of Mrs. Grace Tichnor	10.00	
	In Memory of Dr. James Torbert	25.00	
	In Memory of Walter P. Tobey	827.00	
	Dr. W. Franklin Wood	10.00	20,439.26
5615	Sundry Gifts for Research u/d Dr. Sprague		
	Anonymous	$ 2,284.50	
	Dr. Whitney R. Doane	25.00	
	Dr. John L. Norris	50.00	2,359.50
5617	Allied Laboratories Fund for Salary of Technician on Protoveratrine Studies u/d Dr. Currens		1,650.00
5620	Eli Lilly and Company Fund for Research on Hypertension u/d Dr. Currens		2,900.00
5623	Massachusetts Heart Association Fund for Study of the Objective and Automatic Recording of Blood Pressure u/d Dr. Currens		1,650.00
5626	Charles A. King Trust Fund for Comparative Study of the Effect of Lumbodorsal Sympathectomy and Medical Treatment of Patients with Hypertensive Vascular Disease u/d Dr. Chapman		5,000.00
5641	Agnes Blake FitzGerald Fund for Cardiac Research u/d Dr. Bland Mrs. Stephen S. FitzGerald		1,620.00
5645	U.S. Public Health Service Fund for a Genetic Study of Rheumatic Fever u/d Dr. Cohen		7,450.00
5646	U.S. Public Health Service Fund for a Genetic Study of Rheumatic Fever u/d Dr. Cohen		13,000.00
	Carried forward		$1,323,130.25

	Brought forward		$1,323,130.25
5650	Stephen Salisbury Fund for Cardiac Research u/d Drs. Bland and Currens Mr. Stephen S. FitzGerald		2,500.00
	MEDICAL SERVICE, GASTROINTESTINAL		
5731	Upjohn Company Fund for Study of Gastrointestinal Motility u/d Drs. Jones and Chapman		3,978.00
5740	Sundry Gifts for Research u/d Dr. Culver Mrs. Conrad Hatheway		10,000.00
5780	Charles A. King Trust Fund for Study of the Metabolic Activity of the Small Intestine u/d Dr. Benson		10,000.00
5790	Sundry Gifts for Research in Digestive Diseases u/d Dr. Jones		
	Anonymous	$ 1,000.00	
	Dr. Daniel N. Beers	100.00	
	Caplan Brothers Limited	300.00	
	Mr. and Mrs. Hugh S. Ferguson	500.00	
	Mrs. Charles F. Honeywell	500.00	
	Mr. Raymond W. Lapham	500.00	
	Mr. Harlan K. Simonds, Jr.	100.00	
	Dr. Harvey B. Stone	100.00	3,100.00
5795	U.S. Public Health Service Fund for Study of the Metabolic Activity of the Small Intestine u/d Dr. Benson		13,004.00
	MEDICAL SERVICE, BACTERIOLOGY		
5922	U.S. Public Health Service Fund for Study of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		5,675.15
5923	U.S. Public Health Service Fund for Study of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		6,764.00
	NEUROLOGICAL SERVICE		
5970	Sundry Gifts for Research u/d Dr. Adams		
	In Memory of Frank M. Curtis	5.00	
	In Memory of Mrs. Marion L. Ellery	10.00	
	Mrs. George H. Swift	2,000.00	
	Mrs. Leonard Wheeler, Jr.	2.00	2,017.00
5975	U.S. Public Health Service Fund for Study of Copper Proteins in the Brain u/d Dr. Adams		16,315.00
5990	U.S. Public Health Service Fund for Study of Vascular Disease of the Human Brain u/d Dr. Fisher		17,258.00
	Carried forward		$1,413,741.40

	Brought forward		$1,413,741.40
5991	U.S. Public Health Service Fund for Study of Vascular Diseases of the Human Brain u/d Dr. Fisher		7,980.00
6012	U.S. Public Health Service Fund for Study of Demyelination u/d Dr. Adams		16,685.83
6025	Yale University Fund for Study of the Neurology of Instinctive Behavior u/d Dr. Cobb		6,010.00
6030	Dr. Madelaine R. Brown Fund for Research u/d Drs. Adams and Brown		
	Dr. Madelaine R. Brown	1,000.00	
	Prof. and Mrs. Zechariah Chaffee, Jr.	900.00	
	In Memory of Mrs. Bernice Cooke	5.00	1,905.00
6035	National Foundation for Infantile Paralysis Fund for the Laboratory Expenses of Dr. Ehrenkranz		990.00
6051	U.S. Public Health Service Fund for Study of Sensory Stimulation of the Human Brain u/d Dr. Brazier		10,639.60
6052	U.S. Public Health Service Fund for Study of Sensory Stimulation of the Human Brain u/d Dr. Brazier		10,074.00
6161	U.S. Public Health Service Fund for Study of the Pathogenesis of Psychiatric and Neurological Diseases Induced by Chronic Alcoholism u/d Dr. Adams		14,493.00
	NEUROSURGICAL SERVICE		
6214	U.S. Public Health Service Fund for the Expenses of Dr. Scholl		500.00
6219	Atomic Energy Commision Fund for Study of the Use of Thermal and Epithermal Neutrons in the Treatment of Neoplasms u/d Dr. Sweet		31,200.00
6227	Atomic Energy Commission Fund for Research with Positron Emitters u/d Dr. Sweet		26,250.00
6246	U.S. Public Health Service Fund for Determination of Rate of Transfer of Water and Electrolytes in the Central Nervous System u/d Drs. Sweet and Brownell		3,645.00
6247	U.S. Public Health Service Fund for Determination of Rate of Transfer of Water and Electrolytes in the Central Nervous System u/d Drs. Sweet and Brownell		3,881.00
6290	U.S. Public Health Service Fund for Study of the Application of Focused Ultrasound to Neurology u/d Dr. Ballantine		30,000.00
	Carried forward		$1,577,994.83

	Brought forward		$1,577,994.83
6330	Neurosurgical Research Fund u/d Dr. J. C. White		
	Anonymous		10,000.00
6351	U.S. Public Health Service Fund for Study of Relief of Intractable Pain from Cancer by Stereotactic Methods u/d Dr. Sweet		7,000.00
6352	U.S. Public Health Service Fund for Study of Relief of Intractable Pain from Cancer by Stereotactic Methods u/d Dr. Sweet		7,453.00
6407	U.S. Public Health Service Fund for Study of the Blood-Brain Barrier with Radioactive and Stable Isotopes u/d Dr. J. C. White		4,855.22
6408	U.S. Public Health Services Fund for Study of the Blood-Brain Barrier with Isotopes u/d Dr. J. C. White		5,324.00
6430	Sundry Gifts for Research u/d Dr. William Sweet		
	Mrs. Beatrice S. Ford	1,000.00	
	Miss Joan M. Hofkin	10.00	
	Mrs. Rita S. Loewenthal	25.00	
	Miss Jeanne E. Shapiro	5.00	
	Mr. Semon H. Stupakoff	36,125.00	37,165.00
6460	June Rockwell Levy Foundation Fund for Research u/d Dr. Sweet		18,750.00
	NURSING SERVICE		
6570	Sundry Gifts at the Disposal of the Principal of the School of Nursing		
	Dr. Edward D. Churchill	5.00	
	Dr. Robert R. Trotter	30.00	35.00
6589	Sundry Gifts for the Class of 1955		41.70
	OCCUPATIONAL THERAPY		
6690	Ladies' Visiting Committee Fund for Salaries of Occupational Therapists		2,000.00
	ORTHOPEDIC SERVICE		
6740	Smith-Petersen Foundation Fund at the disposal of Dr. Aufranc		2,800.00
6760	Sundry Gifts for Foot Research u/d Dr. Joplin		
	Dr. Bennett Kraft	100.00	
	Miss Mary Lyne	15.00	
	Carried forward	$115.00	$1,673,418.75

	Brought forward	$115.00	$1,673,418.75
	Mr. William Parker	500.00	
	Mrs. Charles H. Pettit	500.00	
	Dr. Herman J. Sternstein	50.00	
	Mr. James J. Storrow	764.38	1,929.38
6765	Hood Rubber Company Fund for Study of the Pronated Foot u/d Dr. Joplin		2,000.00
6821	U.S. Public Health Service Fund for Study of Low Back Pain and Sciatica u/d Dr. Barr		7,558.71
6880	Sundry Gifts for Research on Pain in the Low Back u/d Dr. Barr		
	Liberty Mutual Insurance Company		3,333.00
6900	Sundry Gifts at the Disposal of Dr. Barr		
	Dr. Guy A. DiStasio	25.00	
	In Memory of Dr. Armin Klein	85.00	
	Mrs. Edward B. Meigs	1,000.00	
	Dr. M. F. Pettler	100.00	
	Miss Estelle M. Platin	5.00	1,215.00

PATHOLOGY DEPARTMENT

6965	U.S. Public Health Service Fund for Research on Histology of the Endocrine Glands in Neoplastic Disease u/d Dr. Castleman	6,867.00
6981	U.S. Public Health Service Fund for Study of Myasthenia Gravis u/d Dr. Castleman	4,942.00
7011	American Cancer Society Fund for Study of the Neutral Red Granule (Golgi) Substance u/d Dr. Morgan	3,418.50
7024	U.S. Public Health Service Fund for Research on Histology of the Endocrine Glands in Neoplastic Disease u/d Dr. Castleman	5,604.83
7031	U.S. Public Health Service Fund for Histochemical Study of the Functions of Interstitial and Sertoli Cells of the Testes u/d Dr. Castleman	3,670.00
7032	U.S. Public Health Service Fund for a Histochemical Study of Cells of the Testes u/d Dr. Castleman	3,517.00
7045	U.S. Public Health Service for Study of the Ultrastructure of the Renal Glomerular Base Membrane u/d Dr. Castleman	12,717.00
	Carried forward	$1,730,191.17

	Brought forward		$1,730,191.17
	PEDIATRIC SERVICE		
7233	Mead Johnson and Company Fund for Research on Parenteral Therapy u/d Dr. Talbot		5,000.00
7240	American Cyanamid Company Fund for Research u/d Dr. Butler		2,000.00
7250	Eli Lilly and Company Fund for Study of Insulin u/d Dr. Butler		11,437.50
7270	Sundry Gifts for Research u/d Dr. Butler		
	Miss Susan F. Butler	$ 10.00	
	Mrs. Willard Freeman	5.00	
	Mrs. John H. Johnson	100.00	
	National Foundation for Infantile Paralysis, Inc.	778.00	893.00
	PHARMACY DEPARTMENT		
7415	Ciba Pharmaceutical Products Fund for the Development of Methods of Testing Tablet Hardness u/d Mr. Murphy		500.00
7420	Gilman Brothers Fund for the Purchase of Equipment		500.00
	PHYSICAL THERAPY		
7475	U.S. Office of Vocational Rehabilitation Fund for the Traineeship of Dr. Sung Liao		1,041.64
7481	U.S. Public Health Service Fund for Training in Physical Medicine and Rehabilitation u/d Dr. Watkins		5,188.00
7482	U.S. Office of Vocational Rehabilitation Fund for Training in Physical Medicine and Rehabilitation u/d Dr. Watkins		7,250.00
7500	Pope Foundation Fund for Research in Physical Medicine and Rehabilitation Drs. T. L. DeLorme and A. L. Watkins		117.77
	PSYCHIATRIC SERVICE		
7505	Sundry Gifts for a Fellowship u/d Drs. Saslow and Lindemann		
	Joseph and Corinne Fuller Glaser Charitable Trust	$ 300.00	
	Mr. Louis Renard	300.00	
	Mr. William H. Schield	300.00	
	Universal Match Foundation, Inc.	3,600.00	4,500.00
7511	U.S. Public Health Service Fund for Study of Relation of Psychosomatic Diseases to Specific Psychological Factors u/d Dr. Nemiah		7,598.31
	Carried forward		$1,776,217.39

	Brought forward		$1,776,217.39
7512	U.S. Public Health Service Fund for Study of Psychological Specificity in Psychosomatic Disease u/d Drs. Nemiah and Bonner		15,250.79
7535	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann		17,269.00
7540	U.S. Public Health Service Fund for Training in Preventive Psychiatry u/d Dr. Lindemann		10,800.00
7555	Grant Foundation Fund for Research in Preventive Psychiatry u/d Dr. Lindemann		37,500.00
7605	Sundry Gifts at the disposal of Dr. Lindemann		
	Anonymous	$ 5.00	
	Dr. Stanley Cobb	33.03	38.03
7615	U.S. Public Health Service for Study of Human Interaction in the Interview Situation u/d Dr. Saslow		21,913.00
7626	U.S. Public Health Service Fund for Study of Emotional Factors in Children with Rheumatoid Arthritis u/d Dr. Blom		13,288.00
7630	Sundry Gifts for Child Psychiatry Miss Marion B. Farnsworth		500.00
7636	U.S. Public Health Service Fund for Study of Allergic and Emotional Factors in Asthma u/d Dr. Long		5,901.00
7688	U.S. Public Health Service Fund for Training in Child Psychiatry		13,833.75
7689	U.S. Public Health Service Fund for Training in Child Psychiatry		18,225.00
7690	Mrs. Robert W. Lovett Memorial Fund for Research on Rheumatism and Arthritis New England Chapter of the Arthritis and Rheumatism Foundation		4,000.00
	RADIOLOGY DEPARTMENT		
7815	Sundry Gifts at the disposal of Dr. Robbins		
	Anonymous	$ 1,000.00	
	Mr. Henry J. Parent	100.00	
	Mr. and Mrs. Joseph H. Schuldice	500.00	
	Mrs. John E. Thomas	5.00	
	Dr. Stanley Wyman	30.00	1,635.00
	RESEARCH COMMITTEE		
7984	U.S. Public Health Service Fund for Study of Isolation of Toxic Substances u/d Dr. Berg		433.63
	Carried forward		$1,936,804.59

	Brought forward			$1,936,804.59
SOCIAL SERVICE				
8020	American Cancer Society (Mass. Div.) Fund for Service and Materials for Cancer Patients u/d Miss Barbour			2,500.00
8070	Committee of the Permanent Charity Fund for Social Service			1,500.00
8080	Ella Lyman Cabot Trust Fund for the Expenses of the Fiftieth Anniversary of the Department			3,500.00
8090	Sundry Gifts for Camp Expenses			
	Ladies' Visiting Committee	$	319.00	
	Rotary Club of Boston		250.00	569.00
8250	Ladies' Visiting Committee Fund for Social Service			300.00
8280	Jessie Gwendolen Morse Fund for Social Service			400.00
8400	Sundry Gifts for Christmas Gifts for Patients			
	Mary A. Crabtree Christmas Fund	$	100.00	
	Miss Edith S. Fisher		30.00	
	Miss Mabel Louise Riley		25.00	
	Rotary Club of Boston		100.00	
	Miss D. E. Sawyer		10.00	265.00
8460	Helen Snow Memorial Fund for Social Service			
	Mrs. Anna T. Fitzgerald			100.00
SURGICAL SERVICE				
8530	Sundry Gifts for the Private Hand Clinic			
	Dr. Joseph Barr	$	94.00	
	Dr. Charles B. Burbank		94.00	
	Dr. Edward Hamlin, Jr.		94.00	
	Dr. Arthur Watkins		94.00	
	Dr. James C. White		94.00	470.00
8550	Weld Surgical Instrument Fund for the Purchase and Maintenance of Surgical Instruments for the General Operating Room			
	Anonymous			5,000.00
8580	William S. Eaton Fund for Special Research u/d Dr. Weille			
	Anonymous	$	1,000.00	
	The Eaton Foundation, Inc.		14,500.00	
	Miss Amelia Peabody		4,990.63	20,490.63
8641	U.S. Public Health Service Fund for Study of the Metabolism of Ammonia in Liver Disturbances u/d Dr. McDermott			5,467.00
	Carried forward			$1,977,366.22

	Brought forward		$1,977,366.22
8642	U.S. Public Health Service Fund for Study of the Metabolism of Ammonia u/d Dr. McDermott		5,995.00
8710	Charles A. King Trust Fund for Exploration of the Subject of Surgical Biology u/d Dr. Richardson		7,000.00
8750	Sundry Gifts at the Disposal of Dr. Allen		
	Mr. John M. Elliot		651.51
8780	American Heart Association Fund for Study of the Grafting of Valve-Containing Veins into Veins u/d Dr. Shaw		2,756.25
8781	American Heart Association Fund for Study of the Grafting of Valve-Containing Veins into Veins u/d Dr. Shaw		918.75
8790	Sundry Gifts for Peripheral Vascular Research u/d Dr. Linton		
	Mr. Paul W. Gens	$ 750.00	
	Mr. Harry Goorno	50.00	
	Dr. Robert R. Linton	2,500.00	
	Mr. W. T. Sheckler	100.00	
	In Memory of Mrs. Elthea C. Stover	78.50	
	Mr. Edward E. Zimmerman	500.00	3,978.50
8800	U.S. Public Health Service Fund for Research on the Surgical Treatment of Peripheral Arteriosclerosis u/d Dr. Linton		9,987.27
8820	Sundry Gifts at the Disposal of Dr. Cope		
	Miss Lidia Alkalay	$ 10.00	
	Anonymous	1,000.00	
	Mrs. Bart W. Baird	500.00	
	Mrs. Arthur Brown	1,175.00	
	Mr. and Mrs. Orbrey Jobling	25.00	
	In Memory of Mrs. Joan Scott Wilcox	6.00	
	Mr. William S. Youngman, Jr.	200.00	2,916.00
8850	Sundry Gifts at the Disposal of Dr. Churchill		
	In Memory of Mrs. Algernon Coolidge	$ 15.00	
	Mr. and Mrs. Herman Lippman	10.00	
	Mr. James Welansky	200.00	225.00

UROLOGY SERVICE

8921	U.S. Public Health Service Fund for Study of Kidney Function after Obstruction u/d Dr. Kerr		6,522.00
8980	Sundry Gifts at the Disposal of Dr. Leadbetter		
	Mr. Frank W. Abbott	$ 500.00	
	Mr. Campbell Bosson	227.94	727.94
	Carried forward		$2,019,044.44

*The publication of these 2,853 names would require 54 additional pages. They are regretfully omitted in the interest of economy.

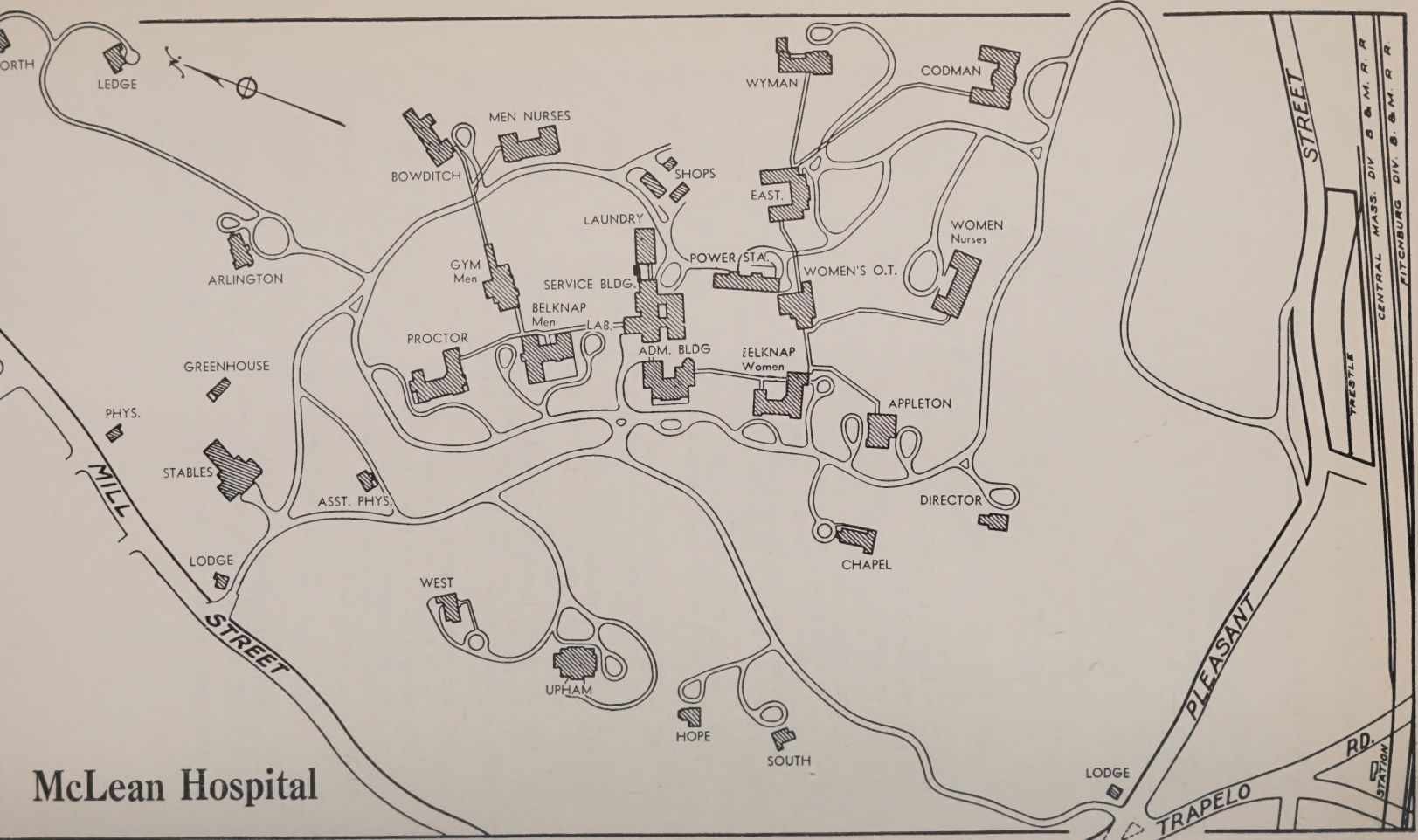
	Brought forward		$2,019,044.44

McLEAN HOSPITAL FUNDS

	Current Expense Fund		
	Mrs. Frances E. Haynes	$ 50.00	
	Mr. Frank W. Kimball	20.00	
	Mr. Morris F. LaCroix	1,000.00	1,070.00
100	Sundry Gifts at the Disposal of the Director		
	Anonymous	$ 500.00	
	Mrs. Charles A. Coolidge	150.00	
	Mr. Charles E. Di Pesa	500.00	
	Mr. Gustav Hirsch	100.00	
	Mr. and Mrs. Saul Kaplan	150.00	
	Dr. and Mrs. Charles P. Sheldon	250.00	1,650.00
150	Frank Attwill Newlin Fund for the Purchase of Table Delicacies for the Patients		
	Bequest of Frank Attwill Newlin		4,655.42
170	The Steinert Fund at the Disposal of Dr. Howard		
	Gift of Mr. and Mrs. Alan Steinert		1,026.88
195	The Dane Fund for Research u/d Dr. Altschule		
	Gift of Mrs. Arnold S. Dane		1,000.00
212	American Cancer Society Fund for the Study of Brain Strandin u/d Dr. Folch		5,250.00
213	American Cancer Society Fund for the Study of Brain Strandin u/d Dr. Folch		750.00
305	U.S. Public Health Service Fund for Study of Brain Proteins and Lipoproteins u/d Dr. Folch		6,756.00
353	U.S. Public Health Service Fund for Research on the Chemistry of Brain Lipides u/d Dr. Folch		5,751.00
382	U.S. Public Health Service Fund for Quantitative Histochemical and Cytochemical Studies upon the Brain u/d Dr. Folch		5,856.00
390	U.S. Public Health Service Fund for the Expenses of Dr. Allen		500.00
391	Sundry Gifts for the Expenses of Dr. Sloan Stanley		
	Gift of United Kingdom Treasury and Supply Delegation		268.96
	TOTAL INCOME FUNDS		$2,053,578.70

TOTAL PRINCIPAL FUNDS	$ 980,164.14	
TOTAL INCOME FUNDS	2,053,578.70	$3,033,742.84

HENRY R. GUILD
Treasurer



McLean Hospital

ONE HUNDRED AND THIRTY-EIGHTH

ANNUAL REPORT

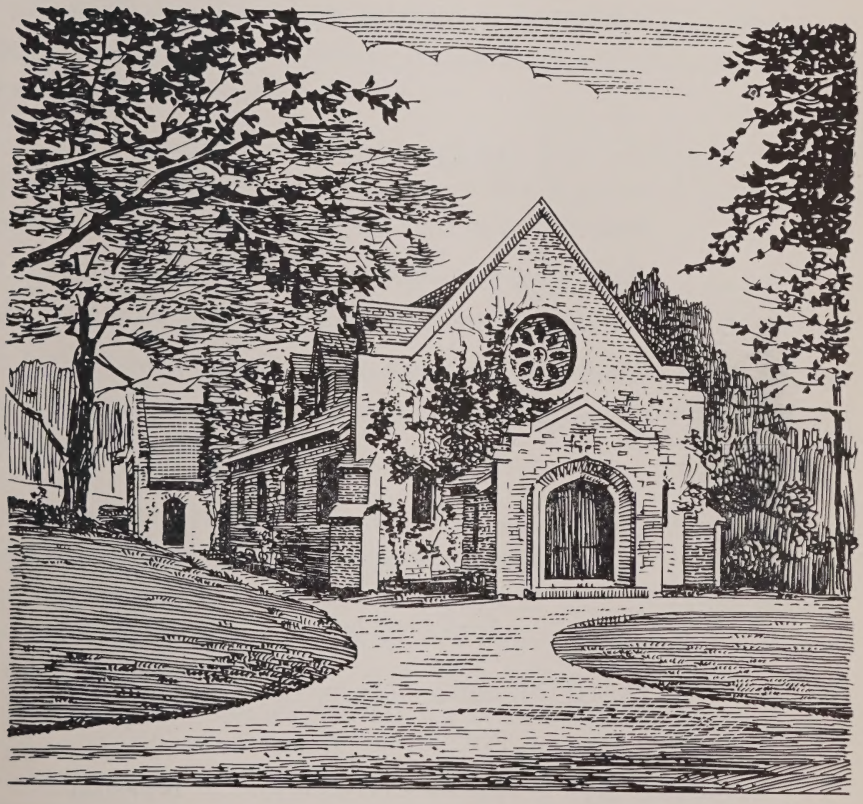
OF THE

McLEAN HOSPITAL

A DIVISION OF THE

MASSACHUSETTS GENERAL HOSPITAL

1955



Samuel Eliot Memorial Chapel

WAVERLEY

MASSACHUSETTS

McLEAN HOSPITAL

WAVERLEY, MASSACHUSETTS

Member of

MASSACHUSETTS HOSPITAL ASSOCIATION

MASSACHUSETTS MEDICAL ASSOCIATION

Accredited by

AMERICAN COLLEGE OF PHYSICIANS

AMERICAN COLLEGE OF SURGEONS

AMERICAN HOSPITAL ASSOCIATION

AMERICAN MEDICAL ASSOCIATION

AMERICAN PSYCHIATRIC ASSOCIATION

SCHOOL OF NURSING

Accredited by

NATIONAL NURSING ACCREDITING SERVICE

AMERICAN PSYCHIATRIC ASSOCIATION

MASSACHUSETTS BOARD OF REGISTRATION IN NURSING

ADMISSION OF PATIENTS

THE MCLEAN HOSPITAL, a division of the Massachusetts General Hospital, is a private, voluntary, non-profit institution. It is organized and equipped for the intensive study and treatment of patients suffering from nervous or mental diseases.

Applications for the admission of patients may be made at any time at the McLean Hospital by the attending physician.

Information concerning the details of admission will be given by telephone or letter. The telephone number is Ivanhoe 4-0700.

Preference is given to those patients in whom a favorable result from treatment may be expected. Patients with doubtful prognosis may be admitted for observation.

A limited number of patients suffering from alcoholism or drug addiction may be received in accordance with the laws of the Commonwealth.

Patients who seem likely to require a longer period of care may be admitted when there are accommodations available.

Patients are admitted in accordance with the laws of this Commonwealth on a physician's certificate, by commitment or voluntarily, depending upon the circumstances.

LOCATION: The Hospital is in the Waverley section of Belmont, about seven miles from Boston, and can be reached in about twenty minutes by automobile, or in about thirty minutes by the Cambridge subway, transferring at Harvard Square to a Waverley surface car. The Hospital is about one-quarter of a mile from the street car terminus. The address for letters and telegrams is Waverley 79, Massachusetts.

Officers of the McLean Hospital, 1956

President
Phillips Ketchum

Vice-President
Francis C. Gray

Treasurer
Henry R. Guild, 1 Federal Street

Secretary
Elliot L. Richardson, 50 Federal Street

Trustees

1935 Francis C. Gray, 10 Post Office Square
1928 Phillips Ketchum, 1 Federal Street
1939 Henry R. Guild, 1 Federal Street
1940 Ralph Lowell, 100 Franklin Street
1941 *Rt. Rev. Robert P. Barry, 71 Warner Street, West Somerville
1943 Lloyd D. Brace, 67 Milk Street
1944 *Mrs. Robert Homans, 280 Beacon Street
1947 Francis W. Hatch, 1220 Statler Office Building
1947 John E. Lawrence, 60 Batterymarch Street
1947 *Professor Francis O. Schmitt, Department of Biology
Massachusetts Institute of Technology, Cambridge
1949 *Francis P. McCarthy, M.D., 371 Commonwealth Avenue
1953 Arthur W. Allen, M.D., 266 Beacon Street
1955 Philip H. Theopold, 274 Washington Street

Other Members of the Corporation

Mrs. Frank G. Allen
Philip K. Allen
John S. Ames, Jr.
Robert Amory, Jr.
O. Kelley Anderson
Mrs. David B. Arnold
G. Storer Baldwin
Mrs. James T. Baldwin
Harry J. Blake
Mrs. Henry M. Bliss
Mrs. Lloyd D. Brace
J. Howard Bushway
Thomas D. Cabot
John P. Chase
Theodore Chase
Charles E. Cotting
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Miss Betty Dumaine
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Charles J. Dunn
William Ehrlich
Dr. N. W. Faxon
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Edward B. Hanify
J. O. Stubbs
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Mrs. Augustus Thorndike
Richard K. Thorndike, Jr.
Dr. Roy J. Heffernan
Harvey P. Hood
Edward L. Hubbard
Arnold Hunnewell
James Jackson
Michael T. Kelleher
William T. Kemble
John F. Kennedy
Henry A. Laughlin
Alfred L. Loomis
Joseph W. Lund
Arthur T. Lyman
Mrs. Andrew Mason
Dr. W. Jason Mixter
Henry V. Morgan
George Olmsted, Jr.
James H. Orr
Mrs. Brooks Potter
George Putnam
Miss Anna Revere
Russell Robb
Joseph Santosuosso
Rt. Rev. Henry K. Sherrill
Alan Steinert
Abbot Stevens
Raymond Stevens
James Jackson Storrow
Samuel J. Tomasello
Dr. John B. Vernaglia
F. Frank Vorenberg
E. A. Weeks, Jr.
Hon. Charles E. Wyzanski

*Appointed by the Governor.

McLEAN HOSPITAL COMMITTEE

Ralph Lowell, *Chairman*

Rt. Rev. Robert P. Barry

John E. Lawrence

ADMINISTRATION

Director
*W. Franklin Wood, M.D., F.A.C.H.A.

Assistant Director
Joseph T. Prekup, (N) A.C.H.A.

DIRECTORS OF DEPARTMENTS

Comptroller
Thomas J. Burley
Blanche Miller (Assistant)

Executive Assistant
Willa F. Pasho, B.S.

Chief, Plant and Maintenance
Russell H. Baxter
Milton J. MacKinnon (Assistant)

Laundry Manager
Edward E. Bourget, II

Steward-Purchasing
Alexander Armour
Warren E. Russell (Assistant)

Pharmacist
George R. Zager, Reg. Ph., M.A.

Grounds and Transportation
Howard R. Gallant

Housekeeping
Mary T. Girard

School of Nursing and Nursing Service

Director of School of Nursing and Nursing Service
Margaret C. Tibbetts, R.N., B.S. IN Nurs. Ed.

Assistant Directors of Nursing Service
George B. Durham, R.N., A.A., TH.M., B.S.
Ann B. Connor, R.N.

Assistant Director of School of Nursing
Mildred C. Makin, R.N., B.S. in Nurs. Ed., ED.M.

*Retire July 1, 1956

MEDICAL OFFICERS OF THE McLEAN HOSPITAL

Consulting Staff

E. Stanley Abbot, M.D., *Psychiatrist*
James B. Ayer, M.D., *Neurologist*
Stanley Cobb, M.D., *Psychiatrist*
William Jason Mixter, M.D., *Surgeon*
Paul D. White, M.D., *Cardiologist*

McLEAN HOSPITAL STAFF—1956

Superintendent Emeritus

Frederic H. Packard, M.D.

Director

*W. Franklin Wood, M.D., F.A.C.H.A.

Psychiatrist in Chief

Alfred H. Stanton, M.D.

Associate Psychiatrist in Chief

Paul M. Howard, M.D.

Psychiatrists

Willis H. Bower, M.D.
Edward M. Daniels, M.D.
Merton J. Kahne, M.D.
Erich Lindemann, M.D.
Maria Lorenz, M.D.

Associate Psychiatrists

Francis L. A. deMarneffe, M.D.
J. Douglas Sharpe, M.D.

Assistant Psychiatrists

Arthur J. Cain, M.D.
James A. Haycox, M.D.

Clinical Assistant in Psychiatry

Jacob Christ, M.D.

Clinical Fellow in Psychiatry

Ruth Murphy, M.D.

Resident Psychiatrists

John G. Clark, Jr., M.D.
**Martin R. Coles, M.D.
**John J. Dwyer, M.D.
**Eda M. Kahana, M.D.
**Alan A. Stone, M.D.
Mark M. Walter, Jr., M.D.
**Stephen L. Washburn, M.D.

Director of Internal Medicine and of Research in Clinical Physiology

Mark D. Altschule, M.D.

Clinical Assistants in Medicine

Virginia B. Calkins, M.D.
Thomas C. Hall, M.D.
George M. Perrin, M.D.
Gordon D. Winchell, M.D.

Chief Psychologist

Irene R. Pierce, PH.D.

Staff Psychologist

Daniel Rosenblatt, M.A.

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*Retire July 1, 1956
**Beginning July 1, 1956

Psychiatric Social Worker
Golda M. Edinburg, M.S.S.W.

Roentgenologist
Joseph Hanelin, M.D.

Dental Surgeon
Gilman W. Haven, D.D.S.

Director of Scientific Research
Jordi Folch-Pi, M.D.

Advisory Committee to Director of Scientific Research
A. Baird Hastings, PH.D., *Chairman*
Stanley Cobb, M.D.
Donald D. Van Slyke, PH.D.
Walter Bauer, M.D.
Rafael Lorente de No', M.D.
W. Franklin Wood, M.D.
Alfred H. Stanton, M.D., *Ex-officio*

Neuropathologist
Alfred Pope, M.D.

Assistant Neuropathologist
Helen H. Hess, M.D.

Assistant Biochemists
Francis N. LeBaron, PH.D.
Marjorie B. Lees, PH.D.
Huntington Porter, M.D.

SCHOOL OF NURSING

McLean Hospital School of Nursing Advisory Committee
Mr. Edmund Mattos, *Chairman*
Mrs. Robert Homans
Mrs. Bancroft Beatley
Mrs. A. Elizabeth Osler
Mrs. Francis T. Hunter
Mrs. James M. Baty
Mrs. Mildred Makin
Mr. Charles Jenney
Miss Stella Goostray
Mr. Joseph F. Kolouch
W. Franklin Wood, M.D., *Ex-officio*
Alfred H. Stanton, M.D., *Ex-officio*
Paul M. Howard, M.D., *Ex-officio*
Miss Margaret C. Tibbetts, *Secretary*

Director of School of Nursing and Nursing Service
Margaret C. Tibbetts, R.N., B.S. in Nurs. Ed.

Assistant Directors of Nursing Service
George B. Durham, R.N., A.A., TH.M., B.S.
Ann B. Connor, R.N.

Assistant Director of School of Nursing and Instructor in Sciences
Mildred C. Makin, R.N., B.S. in Nurs. Ed., ED.M.

Second Assistant Director of School of Nursing and Instructor in Sciences
Frances Foley, R.N., B.S. in Nurs. Ed.

Clinical Instructor
Evangeline R. Dumont, R.N., B.S. in Nursing

Instructor in Nursing
Helen M. Curtis, R.N., B.S. in Nursing

Supervisor and Clinical Instructor
Daniel H. Lennox, R.N., B.S. in Nursing

Assistant Instructor in Nursing
John J. Grady, Jr., R.N., B.S. in Nursing

Supervisor of Health and Operating Room
Anne H. Ramsay, B.S. in P.H. Nursing

Instructor in Sciences
Mary Isabel Newton, B.S., M.A.

Supervisors
Ruth MacLeod, R.N.
Robert J. Robertson, R.N., B.S. in Nursing
Katheryne D. Davidson, R.N.
Virginia B. Ladd, R.N.
John P. Pitcherale, R.N., B.S. in Nurs. Ed.
Janet E. Duboyce, R.N.

UNIT HEADS

Directors of Occupational Therapy
Elaine S. Pinkham, O.T.R.
Daniel A. Joy, R.N., O.T.R.

Assistant Directors of Occupational Therapy
Constance Doliber, O.T.R.
Ruth T. Arnold, O.T.R.

Assistants in Occupational Therapy
Ulla Nilsson
Blake S. Miller

Director of Music Therapy
Homer P. Whitford, D. MUSIC

Instructors in Physical Therapy
Doris C. Heusel, R.N.
Thomas A. Crapo, R.N.

Instructors in Recreational Therapy
Virginia M. Neal, B.S.
Angus MacDonald

Assistant Instructor in Recreational Therapy
John L. Wentworth, R.N.

Dietitian and Instructor in Nutrition
Dorothy F. Connors, A.B.

Personnel
Alison J. Coolidge, M.A.
Mary B. Young, ED.M. (Assistant)

X-Ray
Herbert A. Davidson

Chauffeur
Albert L. Wilder

Library
Arianne S. Kassof

Medical Records Librarian
Mary R. Strovink

Seamstress
Cretie Harris

A Brief History of the McLean Hospital

IT may be interesting to many people to be able to read a little bit about the history of the McLean Hospital. We are extremely proud of our tradition, and it is quite surprising how few people know about the history and origin of the Massachusetts General Hospital.

In the early 1800's the Reverend John Bartlett was Chaplain of the Almshouse in Boston. In those days, the only accommodations for patients suffering from mental illness (spoken of in those days as "lunatics") was in the basement of the Almshouse, with a self for the beds, straw on the floor and other such crude accommodations. The Reverend Mr. Bartlett became quite disturbed about the lack of proper care for these sick people. He wrote fifteen billets to the wealthy and respectable citizens of Boston to meet with him in Conant Hall on March 8, 1810. Among those present were two doctors; namely, Doctor John C. Warren and Doctor James Jackson. They agreed with the Reverend Mr. Bartlett that an Asylum should be established for the care of the mentally ill patients. In addition, they said a hospital for the physically ill and pregnant women should also be established.

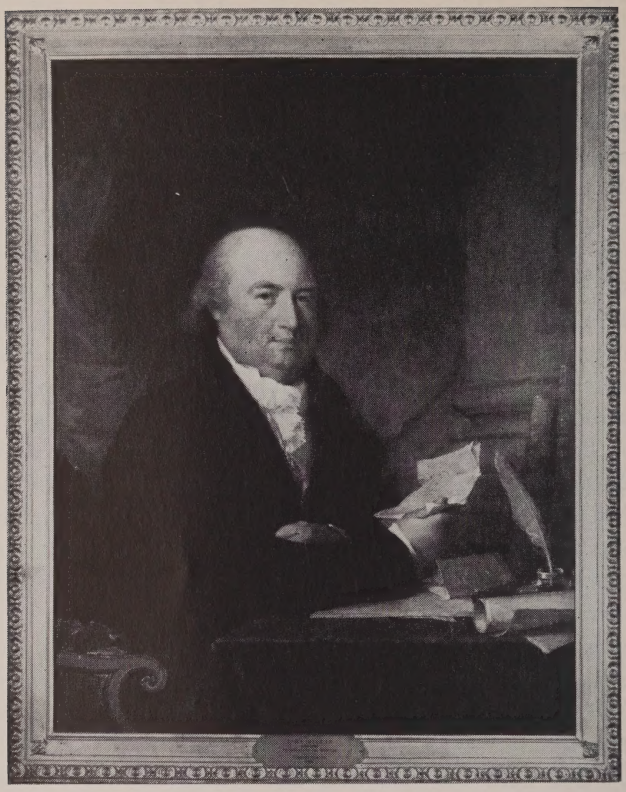
Due to the activity of the Reverend Mr. Bartlett and Doctors Warren and Jackson, the Massachusetts General Hospital was incorporated in 1811. Then the War of 1812 came and nothing much was accomplished for several years.

In 1816 the Trustees felt that something should be done toward establishing the hospital as had been planned. A house to house canvass was instituted and in a matter of a week or ten days, $90,000.00 was raised, half of it for the Asylum and half of it for the General Hospital. The Asylum and the General Hospital were known as the Massachusetts General Hospital, the first hospital in New England and the third in the country.

Property in Somerville known as Cobble Hill, better known as "Putnam's Impregnable Fortress" during the Revolutionary War, was the site of a large mansion owned by a Mr. Joseph Barrell. This property was purchased for the Asylum where the first patient was admitted in 1818.

Due to a considerable gift of money by Mr. John McLean, the Asylum was renamed the McLean Asylum and later the McLean Hospital. Property on Blossom Street was purchased for the McLean Hospital and the corner stone was laid in 1818. The first patient admitted to the General Hospital was in 1821.

One of the main reasons for choosing the property on Blossom Street

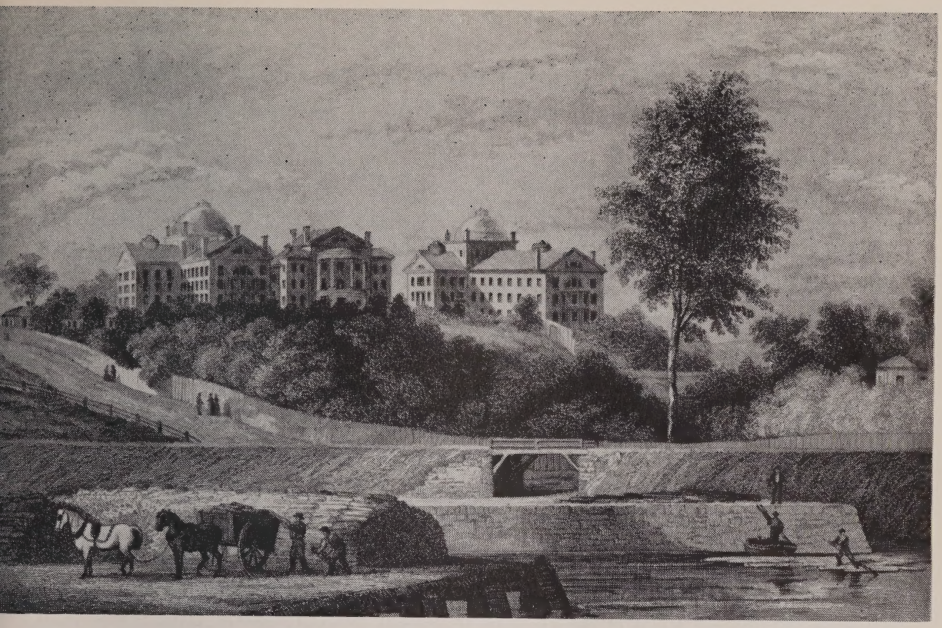


John McLean 1761 - 1823
Benefactor of the Hospital

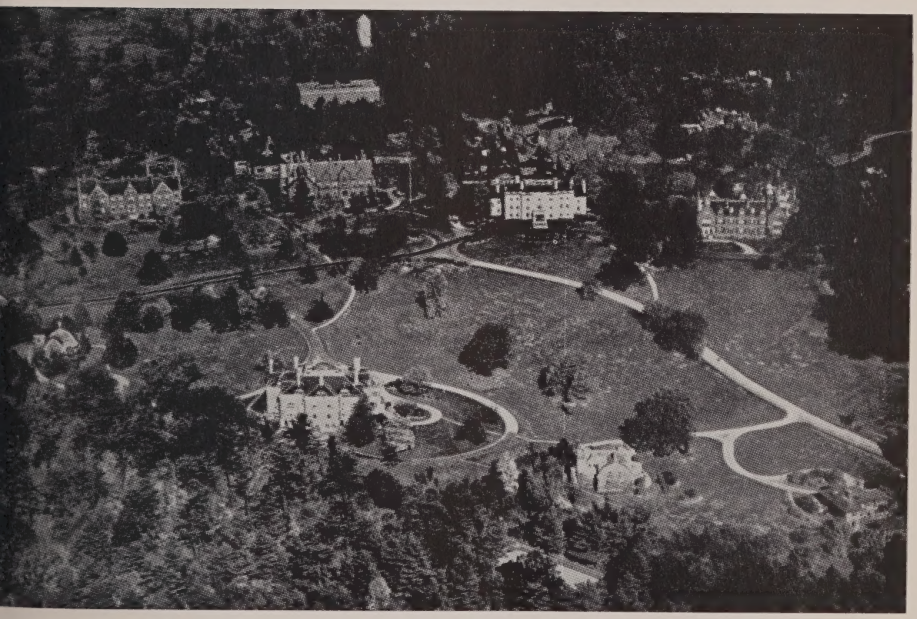
and the property in Somerville on Cobble Hill was due to its proximity to the Charles River which allowed a means of bringing supplies as well as patients to both branches of the hospital by water. At that time, there was only the water, the horse or the oxen as means of transportation. From then on, both the McLean Hospital and the General Hospital have played important roles in the History of Medicine, Surgery and Psychiatry.

In the latter part of the 1880's, because of the railroads causing noise, danger and dirt to the McLean Hospital, the Trustees decided to look for a place out in the country. They finally decided to purchase the Kendall Farm in the Waverley section of Belmont, and under the direction of Doctor Edward Cowles the McLean Hospital as you see it today was planned and built. The cottages, two gymnasiums, two nurses' homes and the Laboratory for Scientific Research are the only buildings that have been added since Doctor Cowles built the hospital originally.

W. Franklin Wood, M.D.



McLean Hospital, Somerville, Massachusetts
1811



McLean Hospital, Waverley, Massachusetts

Report of the Director of McLean Hospital

To the Trustees of the Massachusetts General Hospital:

The report of the McLean Hospital for the year ending December 31, 1955 is respectfully submitted.

AT the end of the fiscal year, September 30, 1955, the financial picture was quite depressing due to the large deficit. However, McLean is not alone in this situation, for many of the nonprofit hospitals are suffering from the same disease caused by the universal and expensive problems of increased salaries for all hospital personnel, particularly the nurses, and of shorter working hours for almost all employees, necessitating more people to do the same amount of work. Additional causes for this hospital's deficit were the many heavy repairs required in the Power House, as well as many vital renovations necessary in several of the hospital buildings of this sixty year old plant.

There were 309 patients admitted to the hospital during 1955, and 271 were discharged during the same period. Of the patients discharged, 26 were recovered; 155 were improved; 44 were without psychosis; 26 were not improved; and 20 were deceased. Of the 20 deceased, 16 were seventy-five years of age or older.

The large number of patients who improve and recover and so are able to resume useful, happy lives, is an inspiration to us to continue our work in this hospital. Our main object has always been the best possible care for the mentally ill, and McLean's 144 years of service to the community bears out our pride in having helped so many people.

As in the past the Hospital has taken an active part in community as well as hospital and medical affairs. The Director of the Hospital and many of the nurses were asked to assist the Belmont Health Department with the Salk vaccine innoculations of the Belmont school children in the primary grades. We were delighted to help with this important step in conquering polio.

For several years Dr. Wood has had the privilege of being invited to the monthly meetings of the State Hospital Superintendents, and in February this group met at McLean. The Belmont Medical Club was entertained at the Hospital in March, and we were most fortunate to have Dr. Paul D. White talk about heart disease.

The reports of the Director of the School of Nursing and Nursing Service, and the Chief of Service, as well as the heads of some of the other departments will appear later.

The Patient Activities Association has functioned throughout the year under the able guidance of Dr. Howard. This Association has been beneficial to a large number of patients and therefore has been well worthwhile. Its functions have been many and varied, including the organization of parties and dances, as well as arranging trips to various museums and other points of interest in the vicinity of the Hospital.

In March the impressive Investiture ceremonies were held in the chapel with Miss Alice Robinson of the Boston State Hospital giving the address. Thirteen young men and nine young women received their ties or caps and lighted their Nightingale Lamps, symbolic of entering this fine profession.

In the spring the students of the Nursing School gave an interesting and entertaining Variety Show for the patients and other members of the Hospital family. We are amazed at, and very proud of, the

Stained Glass Window

talent shown by our boys and girls, and are always delighted when they have the interest and time to work up such enjoyable and often original productions.

The Graduation Exercises were held in May when Miss Rita Kelleher addressed the members of the graduating class, and six young women and ten young men were honored. The Wetherill Awards were given to Carolyn E. Kendall and Gerald W. Larocque.

We were pleased to have the Nurses' Alumni Association hold their Annual Meeting at the Hospital in June. The weather was ideal and it is always a happy occasion to have so many nurses come home, especially when they bring their families along too. As usual Mr. Armour and his able staff gave us all a delicious buffet to top the day's activities.

The annual Fourth of July games were a huge success. They were held in the Proctor Yard with a large number of patients and employees attending, and it is hard to tell whether those participating or those watching had the more fun.

The Christmas Program was excellent and seemed more varied and elaborate than in previous years. Trees and greens were on all the halls and patients and nurses painted appropriate scenes on many of the windows. Santa and his reindeer with a sleigh laden with huge packages were on the lawn in front of the Pierce Building, a lighted cross shone over the entrance of the Chapel, and a large star was hung over the portico of the Upham. Colored lights strung across the front of the Pierce Building and numerous large trees decorated with lights in various parts of the grounds gave the hospital a truly holiday air. Mr. MacKinnon and his boys in the maintenance department deserve much credit for their originality and hard work to achieve such a beautiful effect.

One of the loveliest additions to the Christmas decorations this year was a very beautiful and elaborate altar made by Mr. Thomas Wilson, one of our employees. It was set up in the hall of the Pierce Building by the Director's Office, and was a source of pleasure and inspiration to all who saw it.

During Christmas Week there were parties for the patients, employees and the more than 200 children of the McLean Family, which were greatly enjoyed by all. Several days before Christmas, The Junior Choir from All Saints Church in Belmont under the direction of Mr. Edward H. Howard, came to the hospital and gave a lovely carol concert in the Chapel, and groups of the patients and nurses visited the various buildings singing carols.

Over the year several changes in the Professional staff occurred. In July, Dr. Ruth Beuscher, Dr. Ruth Weiss and Dr. William F. Beuscher resigned to take positions elsewhere. We were glad to welcome Dr. James A. Haycox, Dr. John G. Clark, and Dr. Mark M. Walter, Jr., to our Staff.

On October 1, 1955, Dr. Alfred H. Stanton assumed the duties of Psychiatrist in Chief.

Our Protestant Chaplain, the Reverend Robert C. Defenderfer, resigned to accept the position as Chaplain at the Pownal School in Maine. The Reverend James H. Burnes accepted the position as the Protestant Chaplain, and we are happy to welcome him to the Hospital family. Services are held in the Chapel every Sunday afternoon.

The Right Reverend Dennis Sullivan and his Staff have been faithful in attending to the religious needs of the Catholic patients and personnel, and the Stigmatine Fathers celebrate Mass on Sunday mornings and Holy Days.

Through the generosity of friends we were able to have two more

Employees Cafeteria

beautiful stained glass windows installed in the Chapel. We hope to complete the one remaining window next year.

Along with other renovations and repairs, we were able to rearrange the Arlington House so that it would accommodate eight women patients instead of only one as had been the custom for many years. Due to the increase in costs, it is impossible to rent a cottage to one patient for a reasonable amount. Also it is felt that patients living with others in a homelike atmosphere adjust better than when living alone.

We have all read about the devastating floods in various parts of the country, and this summer we had an all too real idea of what others had suffered. There was water in the basements of all the cottages that put oil burners out of order, and the water was knee deep in the cellar of the Director's House. The most serious situation occurred in the Power House where the water flowed in faster than the pumps could take care of it. The water nearly reached the boilers and engines, and made it necessary to put in an emergency call to the Belmont Fire Department. Thanks to Chief Crowley and his men, the water was pumped out before any major damage occurred, but without the help of the Fire Department, the boilers and engines would have been out of service for many weeks, and a hospital without a Power House can not function very effectively.

Late in the Year the McLean Hospital along with the General Hospital installed a Pension Plan. This has been greatly needed and we at the hospital appreciate the thoughtfulness of the Trustees.

To the following the hospital is most grateful for the generous gifts which have permitted us to fulfill some of our many needs:

Dr. Oliver Cope
Mr. Gustav Hirsch
Mr. Philmore Haber
Miss Irene Hirsch
Mr. John F. Mimnaugh
Miss Frances E. Hayes
Mr. Morris F. Lacrois
Mr. and Mrs. Harvey P. Hood
Mr. Alan Steinert
Mr. Frank W. Kimball
Mr. George L. Hall
Dr. and Mrs. Edward Churchill
Mrs. Arnold S. Dane
Mr. Thomas H. O'Brien
Mr. Morris A. Nutter

It is with great sadness that I record the passing of the President of the Corporation, Mr. John R. Macomber. He was a true gentleman, generous, thoughtful and kind, who gave freely of his time and strength to do for others. All of us who knew him miss him greatly, but we are the better for having been privileged to know him.

I would express my sincere appreciation to the following people for their interest, advice, and assistance.

To the Trustees, particularly to the members of the McLean Trustee Committee; to Mr. George Weld; to each and every employee of the Hospital; to Dr. Jack Ewalt, Commissioner of the Department of Mental Health and the members of the Department in the central office; to Dr. Samuel B. Kirkwood, Commissioner of Public Health and to Mr. Clarence I. Sterling; to Police Chief William Heyd and the men in his Department; to Fire Chief Edward F. Crowley and his Department; and to the various other officials of the Town of Belmont who have been helpful to the Hospital whenever the need arose.

Respectfully submitted,

W. FRANKLIN WOOD, M.D.
Director

McLEAN HOSPITAL — EXPENSE AND REVENUE STATEMENT — 12 MONTHS ENDING SEPTEMBER 30, 1955

HOSPITAL EXPENSES

SALARIES AND WAGES	1955	1954
Administration, Officers and Clerks	$80,121.08	$73,863.52
Medical Officers	95,848.97	88,958.87
Superintendent of Nurses and Assistants	104,370.38	93,750.30
Women Nurses, Ward Helpers, Beautician	256,415.52	249,983.41
Men Nurses, Attendants, Barber	135,859.80	147,366.59
Housekeeping, Maids, Porters	132,018.63	131,427.86
Diversions and Occupational Therapy	19,389.40	17,982.92
Laboratories	2,318.82	2,323.75
Kitchen and Dining Rooms	88,301.75	91,442.42
Laundry	38,778.15	39,191.90
Garage	15,191.83	15,517.51
Coffee Shoppe	8,189.64	7,413.89
Roads, Grounds and Garden	37,908.48	37,143.48
Power Plant	39,259.38	31,314.11
Maintenance of Buildings	64,015.40	65,453.93
Scientific Research Lab.	22,500.00	22,000.01
Research Funds	40,545.03	32,509.84
Pensions	27,458.02	24,219.84
Total Salaries and Wages	$1,208,490.28	$1,171,864.15

SUPPLIES		
General Administration Expenses	$27,205.22	$25,838.33
Libraries	923.12	1,869.52
Medical and Surgical Supplies	22,721.59	17,913.19
Nurses' Uniforms and Equipment	3,895.37	5,012.75
Kitchen and Dining Rooms	13,404.43	18,195.32
Housekeeping	22,910.53	24,926.46
Laundry	3,188.16	4,328.87
Groceries and Provisions	179,531.12	183,793.35
Garage	9,986.99	10,675.31
Coffee Shoppe	17,074.24	13,404.31
Roads, Grounds and Garden	3,266.53	4,233.76
Power Plant	114,574.94	116,337.06
Maintenance of Building	19,369.96	22,272.02
Laboratories	1,340.39	1,439.17
Diversion	3,995.63	4,684.40
Purchases for Patients	134,710.27	134,781.21
Training School	18,747.02	8,491.20
Occupational Therapy	3,028.29	3,896.63
F.I.C.A. Taxes	44,492.42	41,134.55
Mass. Hospital Service	13,586.80	10,627.30
Withholding Tax	133,722.24	127,501.83
Scientific Research Lab.	5,474.79	6,520.56
Research Funds	13,376.05	13,174.88
Harvard Retirement Plan	6,515.56	5,959.50
Total Supplies	$817,041.66	$807,011.48

HOSPITAL RECEIPTS

	1955	1954
Board of Patients	$1,356,768.30	$1,360,557.42
Contributed from Hospital Funds	(213,120.00)	(245,559.29)
Miscellaneous Cash Credits:		
Massachusetts General Hospital		
Accommodations (Employees)	51,441.80	58,776.35
Administration Expenses	15,395.72	14,670.41
Libraries		
Medical Supplies	3,444.73	6,122.31
Nurses' Uniforms and Equipment		94.25
Kitchen and Dining Rooms		
Housekeeping		116.85
Laundry		
Groceries and Provisions	1,834.66	2,660.11
Garage	2,017.53	1,967.01
Coffee Shoppe	18,863.64	14,768.73
Roads, Grounds, and Garden		
Power Plant		
Maintenance of Buildings		
Meals (Employees)	27,430.92	31,584.46
Diversions		
Purchases, Patients'	198,710.81	205,842.26
Training School	8,748.61	5,061.76
Occupational Therapy	401.16	500.34
F.I.C.A. Taxes	22,281.41	20,598.45
Mass. Hospital Service	14,951.85	10,411.37
Withholding Tax	133,808.74	127,525.33
Harvard Retirement Plan	2,805.00	2,560.00
MGH Retirement Plan	227.39	
Total Receipts	$1,859,132.27	$1,863,817.41

SUMMARY

HOSPITAL EXPENSES	1955	1954
Salaries and Wages	$1,208,490.28	$1,171,864.15
Supplies	817,041.66	807,011,48
Workmans Compensation	5,534.93	10,396.52
Total Expenses	$2,031,066.87	$1,989,272.15
Cash Sent Treasurer		
Capital Expenditure		
Total Disbursement	$2,031,066.87	$1,989,272.15

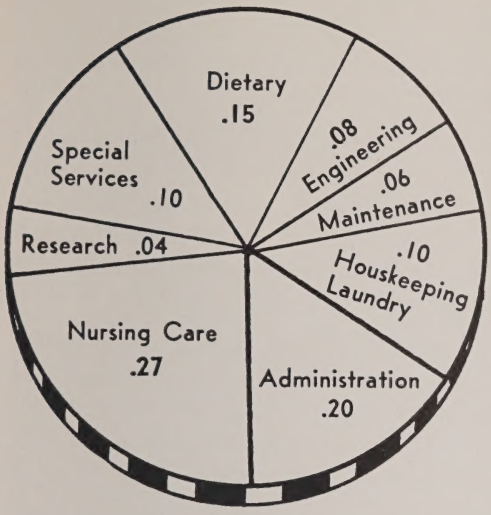
HOSPITAL RECEIPTS		1955	1954
Total Hospital Receipts		$1,859,132.27	$1,863,817.41
From Treasurer		185,000.00	125,000.00
Total Receipts		$2,044,132.27	$1,988,817.41
Cash on Hand:			
October 1, 1954	$2,512.50		
September 30, 1955	15,577.90	13,065.40	
October 1, 1953	2,967.24		
September 30 1954	2,512.50		454.74
		$2,031,066.87	$1,989,272.15

RESEARCH EXPENSE — 12 Months	1955	1954
Research Lab.	$27,974.79	$28,520.57
Clinical Lab.	5,212.30	5,260.58
Research Funds	53,921.08	45,684.72
	$87,108.17	$79,465.87

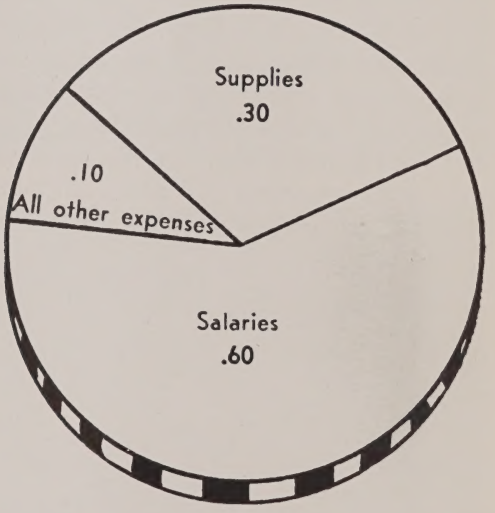
McLean Hospital

Statistics for Fiscal Year Ending September 30, 1955

		1955		1954
Patients in Hospital First of October		189		211
Patients on visit First of October		9		9
		198		220
Patients Admitted During 12 months		309		250
Patients Discharged During 12 months		271		272
Without Psychosis	44		41	
Recovered	26		32	
Much Improved	13		25	
Improved	142		138	
Not Improved	26		20	
Deceased	20		16	
Patients in Hospital End of September		223		189
Patients on Visit End of September		13		9
		236		198
Total No. Days' Treatment		75,963		74,901
Free Patients		1,631		1,889
Patients paying less than $20. per day		25,065		30,873
Patients paying $20 per day or more		49,267		42,139
Average Patients per day		208		205
Free Patients		4		5
Patients paying less than $20. per day		69		85
Patients paying $20. per day or more		135		115
Average Rate of Board Charged Per Day		17.976		17.794
Average Cost Per Patients Per Day		20.123		19.826
Daily Cost per Capita for Provisions for all Persons Supported		1.3444		1.3722



HOW THE HOSPITAL DOLLAR WAS SPENT IN 1955



Report of the Psychiatrist in Chief

THREE things of importance are especially apparent to the relative new comer to the staff of the McLean Hospital.

First is the widespread loyalty and gratitude to Dr. Wood. He has left his imprint deeply within the hospital; his modesty and thoughtfulness in paving the way for an easy transition at the time of his retirement is merely the latest of a very long series of acts of devotion to McLean. I speak for myself in expressing my personal debt, and for the staff in wishing him well during this next period of his life.

The second is the high level of general patient care at the hospital which developed under Dr. Wood. It is regrettably true that common standards of psychiatric hospital care are often not high, and the achievement of the McLean staff in providing the kind of care they do at low cost is a sign of dedication, skill, and much hard work.

The third is the general alert interest among, both the hospital personnel and the patients. They want to try out new procedures and test new ideas in both small tentative experiments and in the impressive organized research efforts of the laboratories. The whole field of institutional psychiatry shares in this sense of expectancy for the future; the field is an important and promising one, and we look forward with a sense of responsibility and a lively interest.

ALFRED H. STANTON, M.D.
Psychiatrist in Chief

Mill Street Gate Lodge, Entrance to McLean Hospital

Appleton House

Report of the Clinical Service

THE efforts of the Clinical Service during 1955 at McLean Hospital continued along the lines of patient care, teaching, and research.

The principle effort of the Staff Physicians was as usual towards personal psychotherapy with patients, in many people the most effective way of influencing their nervous disorder. (It is unfortunately the most time consuming of the medical arts.) Other means of influencing patient health were simultaneously used by the Clinical Service, some of these ways being: the effect of the hospital atmosphere and new social relations, helping the patient's family, psychiatric nursing care, occupational and recreational therapy, physiological therapies such as electric shock or insulin, medical and surgical treatment, exercise and physical therapy, and the new as well as old pharmacological treatments.

Psychotherapeutic effort was made principally in the more acute cases, and amounted to over a hundred hours weekly. Particular emphasis is put on the individual patient as a unique problem with many facets. In some there has been a difficult emotional or life situation, others have physiological dysfunctions, others have more trouble with old personality patterns engendered in childhood. Usually there is a combination of internal dynamic difficulties and external entanglements.

Developmentally the hospital has changed most in the field of patient participation in hospitalization; but what is popularly known as patient "government" has original features in this hospital. Such participation has been divided into two different movements. The conventional organization of the hospital into departments and halls for care has not been affected, and what has been of value there has not been challenged. The patient movement has split itself into an activity group, and also a group reviewing conditions of living in the Hospital. The former is called the Patient Activities Association, and the latter is the Patient-Personnel Conference together with Ward Meetings.

The activity group (P.A.A.) is a voluntary "club" working in the area of group activities sponsored by and for patients. It functions almost autonomously in areas not impinged on by the direction of physicians or nurses, and almost uncontrolled by them. This independence has fostered a vigorous and spontaneous production of activities, with extraordinary group morale. It has the same therapeutic intent as the activities in an ordinary town, in which the citizens participate. The P.A.A. may have organization and purposes but it is not "contrived", and it is more voluntary and certainly more interested in all the individual members than most community organizations. It has been a

gifted organization in that all sorts of people, and those in different kinds of health have been able to function in it.

To quote from the Annual Report of the Patient Activities Association: "The Association . . . in addition to its regular calendar of events, initiated periodic meetings of a play reading group, a book discussion club, weekly record hops, and reorganized the Music Appreciation evenings. Further, the P.A.A. sponsored its Annual Country Fair, Picnics and Halloween Dance, as well as adding a Valentine and Thanksgiving Dance to its roster. During the summer months, the organization sponsored athletic tournaments in bowling and ping pong, a Garden Club and an exhibit in Flower Arrangements. In addition, under its auspices, concerts, recitals and a magic show were presented. These musical events included performances by the LaSalle Glee Club, the Stein String Quartet, Dr. Howard's Recorder Group, Preacher Bill's Magic Show, and a piano recital given by a former patient. Other events of musical interest organized by the P.A.A. included the creation of a group of carollers who during the Yuletide season visited the various wards of the hospital and sang carols. The P.A.A. also continued its policy of presenting slides and travel films of historical places of inter-

Women's Occupational Therapy Building

est, and a series was presented especially for patients who do not often have the chance to leave this hospital. In cooperation with the Recreational Therapy Department the P.A.A. also sponsored and mustered patients to go on twelve large excursions to places of interest in the Boston area, such as the Boston Arts Festival, various museums, and the Flower Show. Finally the P.A.A. continued its bi-weekly Central Council meetings. These meetings are attended by a score or more of patients and the events are run through sub-committees. . . ."

In June the P.A.A. chose to commemorate its first year of existence by planting a flowering tree. This ceremony was followed by a party. It might be added that they have also, with the collaboration of Mr. Daniel Rosenblatt, psychologist, thoughtfully drawn up their annual report of activities and reflections about their association.

As to the other part of the patient movement, it seemed valuable to have the patients give their opinions about the conditions under which they live, and in the Fall of 1955, after some unsuccessful starts, the patients and personnel became interested in meeting together to discuss conditions of living. Weekly Ward Meetings of most of the patients on each hall sprang up under this impetus, with some nurse and other personnel participation, and have started to serve a new function. Scores of such meetings have generated hundreds of discussions and suggestions, and although without "authority" have started many modifications of conditions and routines. Equally important, relations between people living on the hall have been improved, especially in breaking up of old authoritative, submissive, or rigid social patterns. The attitude of these groups has been constructive, active, and minimally critical.

The Patient-Personnel Conference formulated itself, originally, to explore the possibility of Ward Meetings. On it, patients and personnel meet on equal footing and listen to each other, and mutually contribute. There are seven patients, five nurses, a physician, a psychologist, the administrator and a recreational worker. Nurses and patients are appointed for six weeks, and a chairman is elected from the group. A Plan of Organization is written and the most essential purpose is "to improve the interrelationships and every day living of the patients with the personnel in the Hospital Community, and the General Community." Again this Conference is not "authoritative" but is a representative opinion making a group which includes the patients. It has dealt with topics such as hospital rules for patients and greater self care by patients (including self-shaving by men); proposed a system whereby a patient can visit most parts of the hospital; recommended the use of patients as receptionists for visitors, new patients, and new nurses; inquired into more areas in which patients can do voluntary work in

the hospital; stimulated visitors and speakers to Wards from the community; made dietary, financial, and administrative conditions more intelligible to patients; expressed opinions on decoration and repair; been much concerned with factors of morale between patients and personnel; and started service to charitable organizations of the community.

Bed occupancy in the hospital rose from an average of 202 in the first six months to 214 in the last six months of 1955. Although some of these were chronic patients there have also been more acute patients. There were 309 admissions. As to the recovery rate, the figure is not significant without exhaustive analysis, but 80% of those discharged were recovered or improved. The twenty deaths from diseases of the aged make this figure less optimistic than if the aged had not been included.

The diagnoses of discharged patients were: Psychoneurotic 48; Manic Depressive Reaction 36; Schizo-Reactive 64; Chronic Brain Syndrome with Cerebral Arteriosclerosis of Senile Brain Disease 36; Personality Disorders 38; Acute Brain Syndrome 9; Other 40. Other statistics were: Electroshock treatment was given to 185 patients of whom 106 received Anectine. There were 232 who received Occupational Therapy, 115

A View of the Golf Course

received Physiotherapy, 298 attended Recreational Therapy. X-rays were given to 789 and 21,123 pharmacy prescriptions were filled.

Research publications were: "Expressive Behavior and Language Patterns", Maria Lorenz, M.D.; "Use of Progesterone in the Treatment of Post-Partum Psychosis", Willis H. Bower, M.D. and Mark D. Altschule, M.D. The publications of Dr. Altschule and of Dr. Folchi-Pi are listed elsewhere in the report.

Education continues in the instruction of Residents, particularly by means of Staff Conference and Case Study. About a third of the time of the Staff is spent in this way, providing not only education but also supervision in the care of patients. Education also continued by the instruction of twenty-eight Harvard Medical Students, who spent a month at McLean working with patients and Staff and having a score of hours of special instruction.

On October 1, 1955, Dr. Alfred H. Stanton took his place as Psychiatrist in Chief, anticipating the retirement of Dr. W. Franklin Wood, Director, next year. It is with pleasure that the Staff hears of plans for strengthening of the psychotherapeutic program, the educational program, and interest in social milieu as therapy.

It is not the place of an Annual Report to summarize the accomplishments of Dr. W. Franklin Wood throughout many years. Each year he has shown his very personal interest in thousands of details of the clinical care of patients and their families. He has selected a staff loyal to the hospital. He has been a man who kept the hospital "ship-shape", and was also interested in the voyage therein of each patient and the personnel. His financial accomplishments in balancing the budget, despite low rates and a high quality of service, have been remarkable. Despite some ill health he has kept up his enthusiasm and working hours. And as an administrator he has been unusually accrediting to the Staff's efforts in dynamic psychiatry and interested to see the new patient movements. The fact that it is a friendly hospital is indirectly a reflection of his personal considerateness. His anticipated retirement will be deeply felt by all.

The writer wishes to submit this Report respectfully to the Trustees, and especially the McLean Committee, who have been so interested in and helpful to this hospital. The writer also wishes to express his gratitude for the opportunity to serve as Acting Head of the Clinical Service for seven years.

Respectfully submitted,

PAUL M. HOWARD, M.D.
Associate Psychiatrist in Chief

Report of the Assistant Director

DURING the past year, Department Head Meetings have been inaugurated and held twice weekly. The purpose of these group meetings is simply to improve communications between the various departments. They in turn have made each of the departments more cognizant of the difficulties encountered in the operation of each department, and they have also given the Department Heads better insight into functions and disorganizations which might exist in each department and how they affect other departments. Problems concerning every area in the hospital have been brought up and discussed.

Under the direction of Mr. Russell Baxter and Mr. Milton MacKinnon, the Maintenance Department has taken care of many necessary demands. Many of the old buildings have needed much more maintenance than in the past and extensive and costly repairs were completed to roofs, and necessary interior and exterior painting has been done. Each year the up keep and repairs to the boilers at the Power House has been extensive and this year the expense of emergencies was heavy. A vacuum heating system was installed in some of the main buildings for the pur-

Administration Building

pose of utilizing exhaust steam. New pressure reducing valves were installed throughout the hospital and new oil burners were placed in several cottages. Additional personnel has been added in some areas to make available more man hours to meet these increasing demands.

The availability of man power has continued to be acute in some areas, particularly in the other service areas such as Housekeeping, Laundry and Dietary. The Housekeeping Department has had an acute shortage of maids and porters throughout the entire year, and consequently, the operation of the department has been very difficult.

The Grounds and Transportation Department has cared for many diversified demands. Under the direction of Mr. Howard Gallant, this department has not only maintained hospital facilities and a sizeable fleet of motor vehicles, but also it has greatly contributed toward patient recreation and pleasure by providing country drives, by supplying seasonal flowers and plants and by caring for recreational areas. Although man-power was acute at times, it was able to keep up the beauty of the landscape.

The problem of salaries is one which must be faced again this year. In April the new 90-cent minimum wage will become effective. It is not mandatory for McLean Hospital; however, some steps must be taken to enable us to compete more realistically in the labor market for these lower income groups.

The Safety Committee continues to function effectively and meets twice a month. A great deal of progress has been made in the orientation of all personnel of the importance of being safety minded. The Safety Committee recently inaugurated a training program in food handling with the cooperation of the Dietary Department and the Department of the Army which has made films available for this purpose. We have also entered the National Hospital Safety Contest sponsored jointly by the American Hospital Association and the National Safety Council.

There has been a great deal of interchange of ideas and personnel throughout the various service areas. More will be brought out in other reports about this, but briefly the Department Heads and their departments have visited and have been visited by patients. This has proved to be highly successful, and has given the departments a closer realization of the importance of their function in the Hospital — primarily, that of making possible good patient care.

The forthcoming year should prove to be a very interesting and busy one.

Respectfully submitted,

JOSEPH T. PREKUP
Assistant Director

Report of the Director of Internal Medicine and of Research in Clinical Physiology

THE two main functions of this Department i.e. a) Supervision of the physical health of patients and employees, and b) investigation of the pathologic physiology of mental disease, were both actively pursued during the year. Medical problems were handled by several internists: Dr. Virginia E. Calkins continued in charge of the Employees Clinic, with a brief absence owing to additional domestic duties. Dr. Gordon D. Winchell answered requests for medical consultations on patients. Dr. George M. Perrin saw all new patients on admission, and handled occasional emergencies involving patients or employees. It is evident, therefore, that the medical care of all groups is perhaps better than ever before. As was pointed out in a previous report this highly organized system of medical coverage by specialists in internal medicine does not leave enough responsibility for physical care to the psychiatric staff, and tends to separate the care of the body and the mind in the patients; an undesirable situation.

The Otto Folin Room, Chemistry Laboratory

The investigative work carried out in the Laboratory of Clinical Physiology continues along the lines described previously. These studies received considerable impetus when in June, Dr. George M. Perrin, post-doctoral fellow of the U.S. Public Health Service joined our staff. Further studies were made of the altered carbohydrate metabolism found in patients with schizophrenic, manic-depressive, and involutional psychoses. These studies indicate that the changes in metabolism found are non-specific and resemble those found in a wide variety of diseases. The conclusion reached earlier, that these mental disorders are diseases, and not states of mind receives additional support with each new study.

The introduction of the tranquilizing drugs, necessitated observations on their toxicity, and on the mechanisms of their beneficial effects. With respect to the latter, it now seems evident that these drugs are merely unusual sedatives, and that they do not alter the fundamental biochemical disorder associated with the psychoses. This is in harmony with clinical observations that they induce a state which favors recovery in self-limited psychoses, and that they rarely, if ever, cure chronic psychoses. (They may in some instances cause enough improvement to permit discharge under supervision.)

The Employees' Clinic

A large gift of money for the uses of the Laboratory was received from Mr. and Mrs. Arnold F. Dane of Marblehead. Needless to say, this was received with much gratitude, as well as gratification.

The papers published in 1955 are as follows:

1. Bower, W.H., Altschule, M.D., and Cook, L. Psychiatric experience with chlorpromazine. *Amer. Prac. and Dig. of Treatment* 6: 90-93, 1955.
2. Henneman, D.H., Altschule, M.D., and Goncz, R.M. Effect of Hydrocortisone and Corticotropin (ACTH) on the metabolic effects of administered glucose in patients with chronic schizophrenic and manic-depressive psychoses. *Arch. Int. Med. 95*: 241-246, 1955.
3. Henneman, D.H., Altschule, M.D., Goncz, R.M., and Davis, D. Effect of epinephrine on intermediary carbohydrate metabolism in schizophrenic and manic-depressive psychoses. *Arch. Int. Med. 95*: 594-600, 1955.
4. Henneman, D.H., Altschule, M.D., and Goncz, R.M. Effect of intravenous administration of glutathione in man on blood glucose, some other blood carbohydrates and serum inorganic phosphate. *Metab. 4*: 433-445, 1955.
5. Altschule, M.D., Bower, W.H., and Cook, L. Experiencias psiquiatricas com novo agente terapeutico: a cloropromazina. *Resenha Clin. - Cietif. 24*: 2-4, 1955.
6. Altschule, M.D. Acute pulmonary edema. *Minnesota Med. 38*: 605-612, 1955.
7. Altschule, M.D. Adrenal apoplexy following electronarcosis therapy. *New England Journal of Med. 253*: 191, 1955.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.

Report of the Director of Scientific Research

DURING 1955, J. N. Allen, M.D. and G. H. Sloane-Stanley, Ph.D. finished their respective periods of training in the Research Laboratory. With these changes the staff consisted, at the end of 1955, of five M.D.'s, two Ph.D.'s, five technicians, and one laboratory assistant. During the year financial assistance has been received in the form of grants-in-aid and fellowships from the American Cancer Society and the United States Public Health Service. The total received, exclusive of fellowships, has amounted to $56,044.00 This figure compares with the sum of $51,927.60 received in 1954. In summary, the support has been essentially at the same level as last year.

The research work done here during the year was reviewed by the Advisory Committee on January 20, 1956. As described at the time, the following progress has been made:

Biochemical Studies

The work carried out has been the continuation and expansion of earlier studies. It has dealt with the chemical structure of strandin; with the isolation of brain proteins and lipoproteins in general, and, of copper proteins in particular; with different problems of lipide chemistry, specially the chemistry of sulfatides; with the development of a method for the chemical determination of inositol in lipides; with the continuing study of the chemical nature of the causative agent(s) of experimental allergic encephalomyelitis; and with the composition of brain in neurological disorders of metabolic or genetic origin.

In the case of strandin, the method of preparation has been improved to the point where it is now possible to obtain strandin as a substance homogeneous both by electrophoresis and by ultra-centrifugation. The chromogenic group has been crystallized; it appears to be akin to, or identical with, ovine sialic acid. The constituent hexosamine has been found to be exclusively galactosamine and the constituent neutral sugars have been found to be exclusively glucose and galactose.

The study of proteins and lipoproteins has consisted of the extension and elaboration of a general method for the separation from brain tissue of reproducible, exhaustible native brain proteins. The study of brain copper proteins has resulted in a great improvement in the procedure of purification of the most abundant of these substances. It has been established that a green protein fraction, which had been isolated as a by-product of the preparation of phosphatido-peptides, and which contained 0.16% Cu, is, in fact, an artifact in the sense that its Cu is a contaminant.

Work aimed at establishing the structure of one of the two sulfatide fractions which appears to be a pure substance has suggested that its structure may, in fact, be different from that postulated by Blix, for cerebron sulfuric acid. The efficacy of the general method of purifying total lipide extracts has been tested by the use of isotope-labeled substances.

Attempts to develop a satisfactory method for the chemical determination of inositol in lipides have resulted in the determination of conditions for the quantitative separation of inositol from artificial mixtures containing galactose, amino acids, ethanolamine, and glycerol.

The work on the chemical nature of the causative agent(s) of experimental allergic encephalomyelitis which is carried out in collaboration with the Department of Neurology of the Massachusetts General Hospital has continued to be a major line of investigation. Since the problem is one of successful fractionation of tissue constituents, it is intimately related both to the work on lipides and on proteins.

Finally, the chemical study of brains of patients dying of neurological disorders of genetic or metabolic origin has been continued.

Neuropathological Studies

Investigations upon the quantitative histochemistry of the nervous system have continued under the direction of Dr. Pope. They have consisted of further studies on the biochemical organization of the cerebral cortex, on oxidative and proteolytic enzyme activities in human brain tumors, and on the chemistry of adenosine-triphosphatase (ATPase) activity in brain.

Additional experiments have been carried out upon the quantitative intralaminar distributions of enzymes in rat and human cerebral cortex. The series upon the architectonic distribution of ATPases in the somatosensory cortex of the rat has been completed, and the results confirm the dual nature of cortical ATPase activity. Mg^{++}-activated ATPase is distributed in a manner consistent with localization principally in the cytoplasmic particles of the neurones and their dendrites, whereas Ca^{++}-activated ATPase has an intracortical profile indicating its association with the plexuses of axones and dendrites that form the cortical neuropil. Remarkably similar results have been obtained for these enzymes in the frontal isocortex of man obtained as biopsy specimens during frontal lobotomy. Enzymatic studies upon human cortex have also included additional experiments upon 1-alanylglycine dipeptidase, cytochrome oxidase, and acetylcholine esterase activities. As in the past, they have been accompanied by neuropathological and psychiatric obser-

vations providing data for possible future correlations between laboratory and clinical findings.

Parallel studies have been made upon the quantitative histochemistry of human brain tumors, particularly those of the glioma group. Suitable blocks of surgically excised tumor specimens have been frozen, and from them, serial, microtome sections of 50-100 micrograms fresh weight have been prepared and used alternately for histological study (including differential cell counts), enzyme assay, and both initial and defatted dry weight determinations. Cytochrome oxidase has been studied as an index of the rate of oxidative metabolism, and 1-alanylglycine dipeptidase and dehydropaptidase I (enzymatic splitting of glycyl-dehydroalanine) as indices of proteolytic activity and hence, presumably of the rate of protein turnover. As part of this work, it was necessary to develop an ultramicro method for assay of the dehydropeptidase. The results of these studies have shown that cytochrome oxidase activity is low in gliomas, especially in astrocytomas, compared with human cortical gray matter and subcortical white matter. By contrast proteolytic activity in these tumors is of the same order of magnitude or higher than that of normal gray and white matter. It, therefore,

Constant Temperature Room for Specialized Instruments, Laboratory of Scientific Research

appears that in brain, as in other tissues, neoplasia is accompanied by a decreased rate of biological oxidations and an increased capacity for protein turnover.

Certain aspects of the chemistry of adenosine triphosphate hydrolysis in brain have been investigated. This work is a logical sequel to the studies on the quantitative histochemistry of the ATPases in cerebral cortex. With the use of a specially prepared ATP substrate free of physiologically active cations and of contaminating nucleotides, it has been found that Mg^{++}-ATPase activity is greatest when ATP and magnesium are present in equimolar concentrations. Under such conditions, sodium stimulates (particularly in concentrations of less than 0.02M) and potassium inhibits ATPase activity. Preliminary results with Ca^{++}-ATPase indicate a reverse effect of Na and K upon its activity. These findings indicate that the enzymatic hydrolysis of ATP in brain involves the formation of a chelate complex of the enzyme-metal-substrate type and either the formation of a three membered metal-substrate system of specific effects of the monovalent cations upon the ATPases themselves. Studies are in progress designed to answer these questions and to clarify other aspects of the hydrolysis of ATP and other nucleotide phosphates in brain.

Respectfully submitted,

J. FOLCH-PI, M.D.
Director of Scientific Research

Report of the Purchasing and Stewards Department

THE progress made in this department of the hospital over the past year has been both visible and material.

To promote greater efficiency in hospital personnel feeding, a program of streamlining was instituted to centralize dining accommodations. Since Main Cafeteria was centrally located and directly adjacent to the chief food preparation areas, it was decided to direct every effort towards providing dining facilities that would be attractive and comfortable. In September plans were approved; and the work of redecorating, air conditioning and installing new equipment was begun. In addition to the changes in the cafeteria, the corridors approaching the cafeteria were given a similar treatment which complemented the new-look in the dining area.

Much improvement was made in the Central Kitchen and Storeroom areas. The old Ammonia Brine Refrigeration System was gradually

The Diet Kitchen

replaced by separate Freon compressors, replacing the old ice-making machinery with an ice-cube machine and providing all refrigerators and ice cream machinery with similar refrigeration. In the storeroom we have come much closer to the goal of an effective perpetual inventory stores control. This system will give a much better control of all receipts and issues of food stock.

Another conversion was made early in the year with the alterations at Arlington House which provided for the housing and feeding accommodations of seven additional patients. This required considerable painting, decorating and furnishing for the increased facilities. Expenditures for new furnishings for patients' living accommodations in other buildings were fairly heavy during the past year but much still remains to be done in replacing old, obsolete and wornout furnishings. Also there is need for providing furnishings for more attractive housing accommodations for the men and women Service Employees, who by the nature of their employment, are required to be housed on the premises.

Mr. Russell Baxter and Mr. Milton MacKinnon of the Maintenance Department have been most cooperative in giving their assistance in scheduling the requisitions for repairs, alterations, painting and decoration. Their supervision and planning has considerably speeded up this program.

Under the direction of the Laundry Manager, Mr. Edward Bourget, a modernization plan was drawn up and approved. While orders were placed for some of this equipment and some has been delivered, we will not feel the full benefit of the use of this machinery until all installations have been finished.

In conclusion, while expressing my thanks to all employees in the Steward's and Purchasing Department for their loyalty and devotion to duty, I would also like to recognize the long years of meritorious service of the following employees who retired this year: Miss Elizabeth Joyce, Cafeteria Supervisor; Mr. Alfred Mercer, Upholstery Shop; Mr. Charles Richardson, Night Watchman, Miss Adelaide Munson, Dining Room Attendant; Mr. Louis Annunziata, Grounds Department. It is with sadness that I report the death of Mr. William Gorham who served the hospital faithfully for many years.

Respectfully submitted,

ALEXANDER ARMOUR
Purchasing Agent and Steward

Report of the Library

INTEREST in the Patients' Library has increased during the past year, and at the present time an average of about thirty patients visit it each day. Many come not only for the purpose of borrowing books, but also to listen to music and to chat with other patients. Others, who find it difficult to read, are attracted to the Library by its quiet and informal atmosphere, and then gradually become interested in the varied collection of books which it has to offer. Between five and ten new books have been added to our collection each month, and patients have borrowed approximately two hundred books a month.

The Patient Activities Association meets in the Library twice a week, and several P.A.A. sponsored programs are also held in the Library. Among these are the Novel Discussion Group, the Drama Group, and the Patient-Personnel Conferences, all of which were organized this Fall and have been very well attended.

The McLean Gazette is now issued four times annually, and although patient interest is not extensive, some excellent contributions for the magazine have been received.

Library Teas continue to be held every Wednesday during the winter season, and attendance this year has been consistently high.

Several patients have assisted in taking care of the Library, and have kept it open when the Librarian is not on duty. As a result, the Library is now open every day except Sunday, and our collection of books has been kept in good order.

Increasing emphasis has been placed on the expansion of the Medical Library, and it is hoped that in 1956 we shall be able to bring it up to date. With this purpose in mind, a committee is being established to suggest books to be purchased for this Library. Arrangements have also been made so that books which are not currently available here may be borrowed from other libraries by means of the Interlibrary Loan System.

Respectfully submitted,

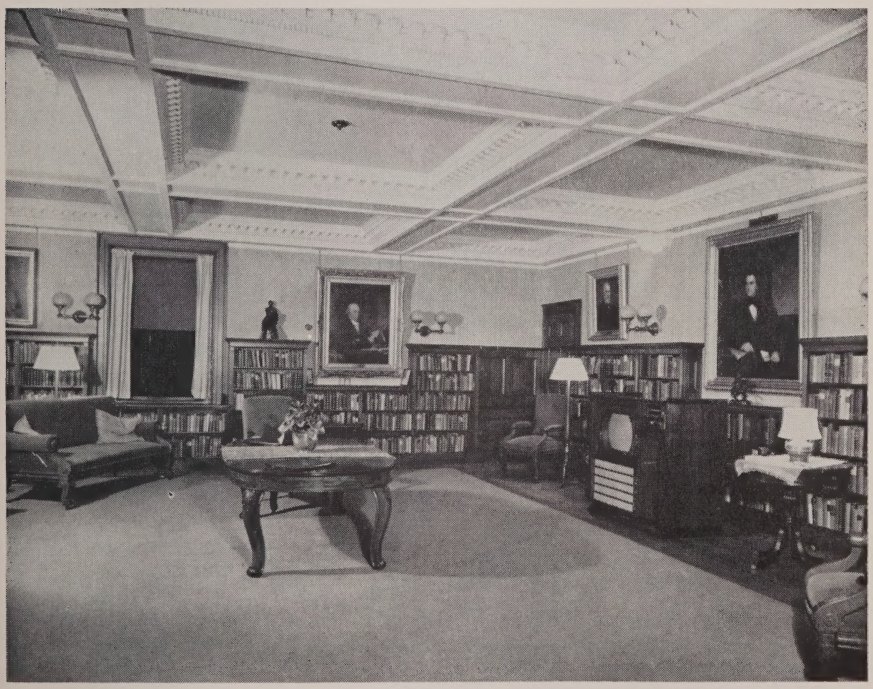
ARIANNE KASSOF
Librarian

Report of the Psychology Department

DURING the past year the Psychology Department has continued its traditional functions of Diagnostic Testing, Teaching and Research. There were 130 patients seen and 428 tests administered.

Two of the major projects on which the members of the Psychology Department have been engaged are as follows: (1) A project designed to determine the therapeutic effects of participation on the part of patients in group activities. Special attention is focussed on the activities of the Patient Activities Association. We also hope to formulate theoretical postulates about the dynamic interrelationships of personality and social structure. Sociometric tests, interviews and observation are primary sources of data. (2) A project designed to determine indices for adjustment through an analysis of Rorschach records of college students and a comparison of such records with the records of patients of the same age and socio-economic status.

IRENE PIERCE, PH.D.
Psychologist



Main Library
Administration Building

Report of the School of Nursing and Nursing Service

	Women	Men	1955
Average No. Graduates	62	17	79
Average No. Graduates—*Part-time	16	2	18
(*Expressed in equivalent of full-time)			
Average No. Accepted Students	17	30	47
Average No. Preclinical Students	9	19	28
Average Total	104	68	172
Total No. Preclinical Students Admitted	8	19	27
Preclinical Students Dropped or Resigned	1	3	4
Accepted Students Dropped or Resigned	1	2	3
Total Dropped or Resigned	2	5	7
Students Graduated	6	10	16
Student Veterans Enrolled:			
Public Law 346	0	1	1
Public Law 550	0	26	26

CENSUS, OCTOBER 1, 1955

Graduate Nurses	Women	Men	Total
Full-time	64	17	81
Part-time	32	3	35
Total	96	20	116
Student Nurses			
Accepted Students	15	27	42
Preclinical Students	8	19	27
Affiliating Students from other schools	35	2	37
Total	58	48	106
Total Graduate and Student Nurses	154	68	222
Students on Affiliation			
Massachusetts General Hospital	0	9	9
The Children's Hospital	0	0	0
Boston Lying-in Hospital	0	0	0
Number of Affiliating Students			
who completed Course in 1955:			
Massachusetts General Hospital	86	0	86
The Children's Hospital	36	0	36
Mount Auburn Hospital	3	0	3
MGH Radcliffe College Program	5	0	5
Simmons College School of Nursing	19	0	19
Graduates	1	4	5
Total	150	4	154

The Nursing Department

A recording of direct and indirect measures used in this hospital by the Nursing Service in 1955 should signify a progressive approach toward better care of patients.

The greatest progress made in nursing service during the past year has been the continuation of the change in organization and administration begun in 1954, which has further effected the supervisory service given to nurses and attendants who have direct care of patients. One full-time qualified Day Supervisor began those duties in September, releasing the half-time supervisor to the Nursing Education Department as a full-time clinical instructor. One additional full-time evening relief supervisor was appointed in November, making a total of three definite supervisory appointments during that period. In order to clarify functions, Personnel Policies were revised and put into effect for Day Supervisor, Evening Supervisor and Night Supervisor. Our next step in this direction includes a third definitely appointed Night Supervisor.

In order to correlate the twenty-four hour supervisory service, a nursing service group of administrators and supervisors has organized a weekly meeting which includes representation from day, evening relief and night groups. The problems discussed in this group are to be solved by various studies and subsequent recommendations which effect the direct nursing care of the patient.

The organizational structure of the entire nursing service has been such that recommendations toward better nursing care have been realized and put into effect. There have been conferences between doctors and supervisors, weekly conferences between chiefs of services and department directors and bi-weekly conferences between the various hospital departments, including the nursing service. There have been weekly meetings of the head nurses which have been very profitable. The most important contributions of the head nurse group include definite progressive relationships with other departments in the hospital, active participation in the revision of nursing procedures, revision of other pertinent material and revision of functional duties and responsibilities of day, evening relief and night nurses who are designated as charge nurses in those periods.

The outstanding change in patient contact due to the increased activity of the Patient Activity Association, and demonstrated by the Patient Personnel Conferences held weekly in which five head nurses have represented the nursing service from the beginning, has been remarkably informative. Human relationships, desires and understandings have been such that these conferences have extended to the living areas

where other nursing personnel, as well as patient personnel, have taken part in the process of everyday living. Nurses and nursing personnel are definitely aware of the need of increased freedom of activity for the patient in this process of nursing service.

In terms of quantity to provide nursing care, the full-time staff nurse group, including head nurses, assistant head nurses and staff nurses, has increased from 54 to 58, and the part-time group has decreased from 42 to 35. The full-time attendant group has decreased from 71 to 54 and the part-time group has increased from 40 to 43. The shortage in the attendant group has meant that the nurses have worked harder and have not decreased the activities of the patients, but housekeeping functions have been sadly neglected. A plan to secure personnel from the licensed practical nurse group is emerging and indicates a way to secure better care for patients. At present only one of this group is employed.

The increase of the patient census was absorbed by the nursing service personnel. Arlington Cottage was opened to accommodate eight patients and Hope Cottage now accommodates four patients instead of two.

Careful selection of nurse personnel has been stressed in relation to registration, education and experience. A special effort was made to obtain nurses whose advanced experiences and interest was in psychiatric nursing. In addition to three McLean graduates employed, at least two new graduates had further training in this special field. Other graduate nurses who were employed had only a twelve-weeks affiliation in psychiatric nursing or none at all. Those whose background indicated a lack of preparation were given an opportunity to take courses given to affiliate students in psychiatry and psychiatric nursing, along with rotation of services. New members appointed in administrative and supervisory positions have been recorded in the School of Nursing Report. The fifteen hour orientation program for all new attendants was continued and this program was completed twice. A certificate card, in recognition of the completion of this program, was issued to 15 attendants.

The staff education program has been extended to graduate nurses, attendants and others vitally concerned with patient care. This program has included weekly clinics presented by the doctors and head nurses, special instruction by instructors in nursing relative to changes in various nursing procedures, reviews of ward stock drugs with personnel, presentation of films "Atarexia" and "Coramine in Electric Shock" in conjunction with new drugs and treatments in mental hospitals and special material made available concerning all new drugs

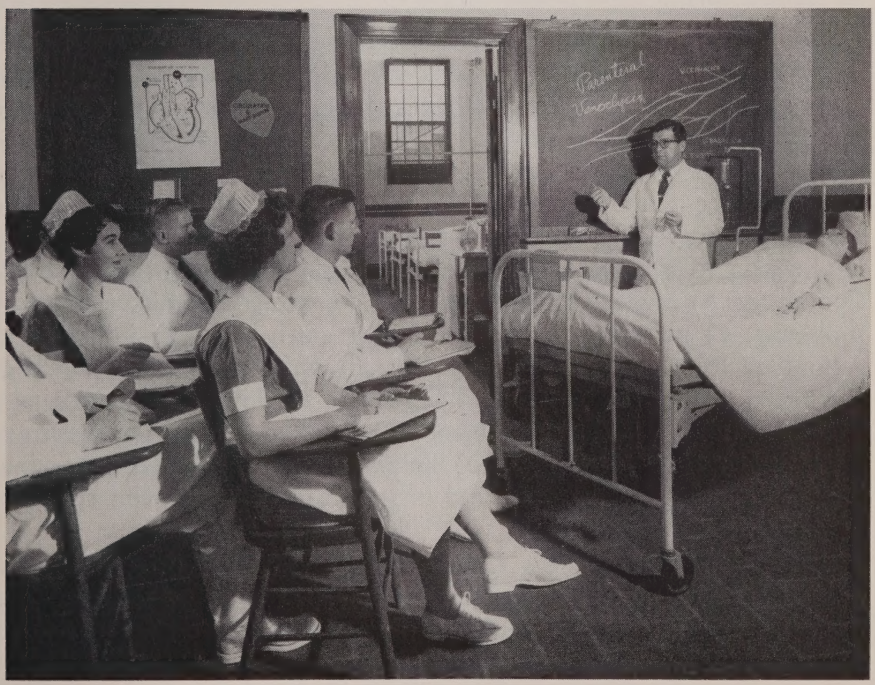
used during the year. Field trips to various related institutions have been arranged.

Two evening relief supervisors attended an institute on supervision for evening relief and night supervisors sponsored by the American Hospital Association in New York City. A report was subsequently given to administrative and supervisory personnel.

The Director of the School of Nursing and Nursing Service, along with representatives from the pharmacy, dietary and maintenance departments, attended a Civil Defense Exhibit of a portable 200 bed hospital, sponsored by the U. S. Government, at the Eastern States Exposition in Springfield, Massachusetts. Two head nurses attended an Institute on the Aging sponsored by the United Community Services Council of Boston and the Massachusetts State Committee on the Aging.

A special psychiatric nursing educational program for nurse visitors from other countries has been accepted by the American Nurses' Association. One nurse visited under this program on a combination working and educational basis during 1955.

Five graduate students from foreign countries, under the exchange number for the Massachusetts General Hospital, have taken the 12



Nursing Practice Laboratory

weeks Affiliating Course in Psychiatric Nursing with the undergraduate students.

Special arrangements have been made for the nurses and attendants who work either full-time or part-time to continue their education at nearby colleges. Twenty-eight nurses and forty-seven attendants have realized this opportunity.

The Committee on Nursing Practice has accomplished the following, which has been approved: 1) The revision of discharge procedure, medication procedure (oral, subcutaneous and intramuscular), procedure for Ambulatory Insulin and Post Mortem Care procedure; 2) The giving of instructions for use of Kardex; 3) The completion of a transfer-discharge check list; 4) The combining of Massachusetts General and McLean Procedure Books; 5) The distribution of complete Procedure Books to wards; 6) The installation of paper medicine cups and 7) The introduction of the Physician's Desk Reference on Drugs to all wards.

A review of the study of the subcommittee on standardization of nursing procedures and nursing service called "Method Analysis No. 1" revealed that, of the 24 items surveyed, 15 were improved and 9 were not improved. The recommendation has been made that further studies be carried during 1956 in this area.

During 1955, the nursing service has recognized certain responsibilities which call for close activity with other departments in the hospital and which have been representative of nursing in various ways: 1) helping the Medical Staff to determine the needs of the patient through planning and participation in the hospital and patient activities; 2) attempting to clear communication channels by use of official notices; 3) helping to put into effect the new system involving issuance of keys; 4) helping to evaluate safety measures through the Hospital Safety Committee; 5) inviting directors of other departments to discuss mutual problems; 6) planning for distribution of gatch beds; 7) initiating a committee to study the autoclaving of all syringes in the Operating Room; 8) planning for Hospital Christmas Parties for all personnel; 9) initiating an Intra-Hospital Group Committee called "The Steering Committee on Patient Care"; 10) helping to administer polio vaccine to school children in Belmont and to sterilize all needles and syringes used for this purpose.

The recommendations for definite improvement in nursing service at McLean Hospital for 1956 are: 1) Purchase of new uniform white trousers for men attendants; 2) establishment of a central room to care for listing, marking, cleaning and storing of patients' clothes and property; 3) the appointment of a third night supervisor (11-7 P.M.).

It is indeed a pleasure to submit this part of my report. I feel more than ever that nursing service at this hospital must keep growing to hold pace with current changes, particularly in psychiatric nursing. Plans for research in this special field must be given every consideration. I extend my sincere appreciation to all in the McLean family who have made possible this past year of accomplishment, and I look forward to the continuation of such support in 1956.

The School of Nursing

The activities of the School of Nursing are geared to attain certain objectives set up not only according to the accepted principles of education in general but also to meet the need of changing methods in the present day professional advancement in nursing. Progress in any school is indicated by growth and achievement, at the same time maintaining the philosophy of purpose. Using the following areas as a guide, this report shows the progress made in this school for the year 1955.

Control

Our School of Nursing Advisory Committee, acting as a liaison between Trustees of the Hospital and School, has held eight meetings in which it has discussed and given valuable advice concerning the needs of the school. Its interests have been further shown by individual visits to the hospital and attendance at special educational and social events.

Contracts between this school and other agencies have been revised for all programs for the coming year. Relationships with agencies cooperating in the program are assured through faculty representatives who visit the agencies periodically for conferences with the students as well as with instructional personnel, through planning conferences to improve the educational programs involved and through special conferences concerning standards in nursing which have been of major interest in this area.

Finance

The cost-accounting has been continued. Figures on the evaluation of student nursing services have been included. The health area is incomplete because a cost analysis of the health clinic has not been done. Discussions of health costs have made the administration aware of the need of study in this area.

Faculty

Further separation of functions in the educational and service areas of nursing have resulted in better supervisory care of patients and better educational performance for students. Changes made included the employment of a full-time Nursing Service Supervisor for the 7 A.M.-3:30 P.M. period on the women's service; the release of the previous Supervisor and Clinical Instructor on the women's service, who was dividing her responsibilities, to the Nursing Education Department as a full-time Clinical Instructor; the release of the Supervisor and Clinical Instructor on the men's service, who was dividing his responsibilities, to the Nursing Service Department as a full-time 7 A.M. to 3:30 P.M. Supervisor on the men's service; and the employment of a third 2:30 to 11 P.M. Supervisor who functions in both men's and women's services. Plans for further expansion include an additional full-time Clinical Instructor in the Nursing Education Department and a full-time 11 P.M. to 7 A.M. Supervisor who can function in any area of the hospital.

Because of the changes in responsibilities and the new appointments to the faculty, Personnel Policies and Practices for the following positions were completed: 1) Evening Supervisor (2:30-11 P.M.); 2) Night Supervisor, East Service (11 P.M.- 7 A.M.); 3) Day Supervisor (7 A.M.-3:30 P.M.); 4) Assistant Director of School of Nursing; and 5) Clinical Instructor.

The qualifications of new faculty members have been discussed and reviewed in relation to personality, professional experience, state registration and educational background. The following appointments have been made: 1) Mrs. Virginia Ladd, who was appointed Evening Supervisor (2:30 to 11 P.M.) Women's Service, is a graduate of the McLean Hospital School of Nursing, has had nine years' experience as staff nurse, assistant head nurse and relief night supervisor in psychiatric nursing, and three years' experience in general and industrial nursing; 2) Mr. John J. Grady Jr., who was appointed Assistant Instructor in Nursing, is a graduate of the McLean Hospital School of Nursing, holds a B.S. in Nursing from Boston College School of Nursing, and has had five years' experience as Assistant head nurse and head nurse in psychiatric nursing; 3) Mr. Robert J. Robertson, who was promoted from head nurse to Day Supervisor (7 A.M.- 3:30 P.M.), Women's Service, is a graduate of the McLean Hospital School of Nursing, holds a B.S. in Nursing from Boston College School of Nursing, and has had two and one-half years of experience as staff nurse, head nurse and Acting Night Supervisor in psychiatric nursing; 4) Mrs. Anne Ramsay, who was appointed Supervisor of Health and Operating Room, is a

graduate of the Army Hospital School of Nursing, Washington, D. C., holds a B.S. degree in Public Health Nursing, has had four years experience as supervisor in general hospitals, fourteen years experience in psychiatric nursing as private duty nurse, head nurse and supervisor in psychiatric nursing, and seven years as a school nurse; 5) Mrs. Margaret M. McEnery, who was appointed Evening Supervisor (2:30-11 P.M.) East and West Services, is a graduate of the McLean Hospital School of Nursing, has had eleven and one-half years experience as staff nurse, assistant head nurse and head nurse in psychiatric nursing and two and one-half years in a neuropsychiatric unit of the United States Army Nurse Corps; 6) Mrs. Dorothy Connors, who was appointed as Dietitian and Instructor in Nutrition is a graduate of Regis College, holding an A.B. degree, served a professional internship for twelve months in a Veteran's Administration Hospital, holds membership in the American Dietetic Association and has had two years experience as Dietitian in institutions; 7) Head Nurses of the Assistant Faculty Group appointed were: Mrs. Guida Rust, Mrs. Lorraine Trainor, Mr. Kenneth Williams, Mrs. Shirley Williams, Mrs. Carolyn Goodwin and Miss Lillian Ladd.

The Faculty Organization has functioned in such a manner that all members have participated in the work of the school. The faculty group has met usually every two weeks, and the Head Nurse Group of the Assistant Faculty has met usually every week. Both have considered educational programs and nursing service recommendations made by active standing committees which include students in their membership. A total faculty meeting was held when all faculty, assistant faculty and associate members were able to co-ordinate the work of the organization through annual reports from all groups. Specific contributions which the educational unit in nursing has made in meeting the nursing needs of the community have included participation in State Recruitment Groups, Red Cross First Aid Instruction, Nursing Council of the United Community Services of Metropolitan Boston and administration of polio vaccine to Belmont school children.

Plans for reorganization of the Faculty Organization have been started. A separation of functions in Nursing Service and Nursing Education, integrating the two yet resulting in better nursing service to patients, is the ultimate aim. This plan should go into effect early in 1956.

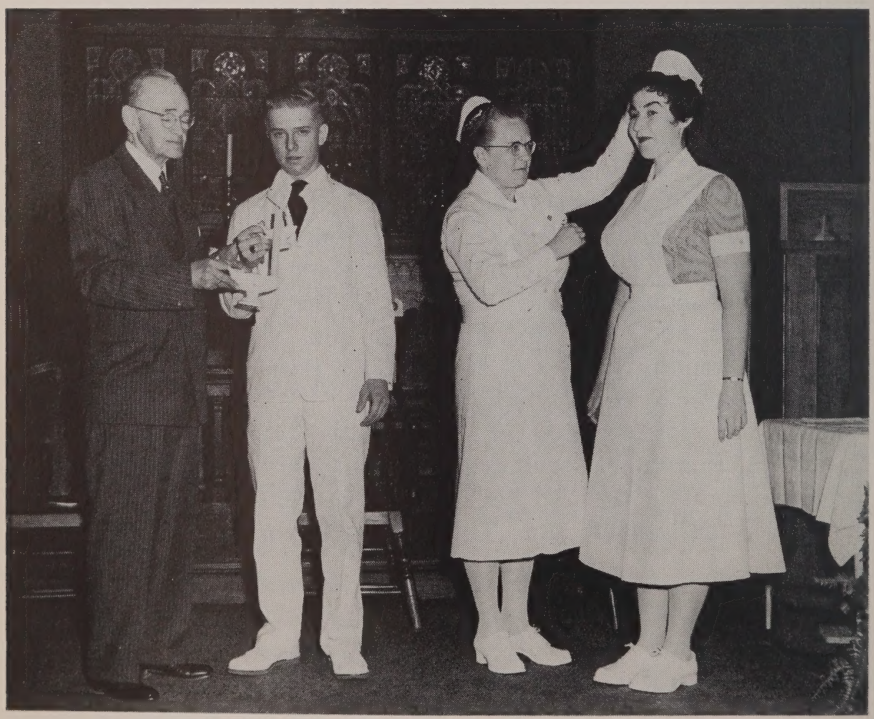
Student Personnel

The plans to obtain qualified students have continued. The work of the publicity committee is as follows: 1) Folders, "Nursing, a Career

with a Future", mailed to high schools outside the New England area — 500; 2) Bulletins sent to prospective applicants — 268; 3) Preparation of newspaper releases on school activities; 4) Pamphlet "School of Nursing in Greater Boston" mailed to New England area outside the Red Feather District — 100; 5) Photographs taken for Annual Report and publicity uses; 6) Revision of permanent mailing lists of bulletins to high schools, libraries and other contacts — list is now two hundred sixty-one.

The number of applicants has increased from eighty-three in 1954 to ninety-nine in 1955. Of these ninety-nine applications, 67.3% are men and 31.7% are women, approximately the same average as in 1954. Although the total number of applicants accepted in 1954 was thirty-two, only twenty-seven were chosen in 1955 from a slightly larger number of applicants.

The promotion and graduation plans have again included a public Investiture Service. In March, this service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. The women were presented caps and the men four-in-hand ties. The school greatly appreciated the contribution of the speaker, Miss Alice Robin-



Investiture Services

son, Director of Nursing, Boston State Hospital, who gave an appropriate talk to the students as part of the service.

The annual Graduation Exercises were held in May, when six women and ten men were announced as graduates of the school. Miss Rita Kelleher, Dean of Boston College School of Nursing, presented the address.

The Student Association has been active. In 1955, Miss Bernice McNulty was elected president. She has faithfully carried out her responsibility, including attendance at all activities with the Massachusetts State Council of Student Nurses as representative of the Student Association. Activities of the Association have included a Christmas contribution in cash to a needy Belmont family; several dance functions including the Queen of Hearts Ball at the Somerset Hotel in cooperation with two other Student Associations; a variety show given to patients of two hospitals, also for relatives and employees; and, singing of Christmas Carols to patients.

The Student Council has revised rules and regulations of the two Nurses' Homes. Recommendations of acceptance were presented by the chairmen of the committees at a faculty meeting. These revisions were accepted by the faculty group with a few minor changes which affected other areas in the hospital. It was felt that the students have increasingly appreciated their role as acceptable citizens in the hospital living areas as well as elsewhere.

The health of the student has been given every consideration. A review of the pre-entrance health record resulted in a complete revision. Now specific immunization must be completed prior to entrance. A pre-entrance chest plate certification must also be presented.

The personnel policies were revised. The students were placed on a forty hour week, including classes, beginning on September 1, 1955. Instead of split holidays the student receives seven full holidays or their equivalent annually.

Scholarships, Loans and Other Funds

The study of financial need for students has continued. Two $50 scholarships were awarded at Graduation Exercises from the Annabella McCrae Scholarship Fund for student progress. The McLean Hospital Nurses Alumni Association awarded a single scholarship of $75 for the purpose of advanced education.

The Annabella McCrae Scholarship Fund is over the $3,600.00 mark toward its goal of $5,000.

During the year, the Trustees voted to raise the present four $200.00 scholarships for incoming students to $300.00 each to coincide with the

raise in tuition, beginning in 1955. Two of these scholarships were awarded incoming students during the year. Other preclinical students are to be considered at the end of the preclinical period.

The McLean Hospital Nurses' Alumni Scholarship Fund has reached the $2,200.00 mark and is to be raised to $5,000.00 when one $300.00 scholarship for an incoming student will be awarded. This will make the fifth planned $300.00 scholarship for incoming students.

Scholarship funds are available for qualified students whose residence is in Middlesex County by the Women's Auxiliary to the Middlesex South District Medical Society. No qualified student has been found as yet.

The Special Fund set up by the hospital for students in need, to be dispersed at the discretion of the Director of he School of Nursing, has been continued in 1955. It was used for only one student.

Funds are available to needy students from the Lucia E. Woodward Fund. Two students received funds in 1955.

A General Loan Fund, supported by the Hospital for all employees has been in constant use by students and graduates upon recommendation. No interest has been charged.

Curriculum and Clinical Experience

The following progress has been made to improve the general instruction of students: 1) Integration of disaster nursing into all courses in the curriculum; 2) stimulation of increased occupational therapy for patients in some areas using same as a teaching tool for students; 3) introduction of a project concerned with the construction of a psychiatric nursing manual; 4) revision of orientation outline to be used as a guide by the head nurses in orienting the student; 5) increasing the scope of the observational day in the public health agency; 6) planning for early orientation of preclinical students at the Massachusetts General Hospital; 7) permission to borrow films from the Boston Public Library at no charge; 8) allowance of specific time in the class schedule for clinics on social status of the patient; and 9) the inauguration of a new student evaluation conference method.

Agency Membership in National League for Nursing

Agency Membership of the School of Nursing in the Department of Associate Degree and Diploma Programs of the National League for Nursing has been approved for 1956. There has been in Massachusetts an active representative group for the mutual study of problems in the hospital schools of nursing. Two faculty members of this school have participated during 1955.

Accreditation

The continued approval of this school by the National Nursing Accrediting Service is expected in 1956. Plans have been made to receive the representative visitors for evaluation of the school early in January.

Recommendations

The following recommendations are submitted for consideration:

1. The sharing of a professional librarian with other personnel in the hospital.
2. Transfer of present school of nursing library to larger area with reconstruction and decoration in mind.
3. Increase of office space for instructors in the present educational unit area by reconstruction and decoration.
4. The employment of a full-time combination secretary and clerk typist for the educational department in addition to present personnel.

Final Statement

The progress of this school, as outlined, is the result of the concerted effort on the part of the participants, and it is with deep appreciation I include the Board of Trustees, the Advisory Committee of the School of Nursing, the Medical Staff, the members of all the hospital departments, the nursing service and the nursing education personnel.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.
Director of the School of Nursing and Nursing Service

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of February 1956, including subsequent appointments received, effective up to and including July 1, 1956

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
admin.: administrative; administrator
an.: anesthetist
assoc.: associate
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
c.r.p.: chief resident physician
c.r.s.: chief resident surgeon
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc. res. assoc.: scientific research associate
sociol.: sociologist
supt.: superintendent
u.: urologist

Italics indicate to what service of the Hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
M.G.H. Clin.: M.G.H. Clinics
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department
Oph.: Ophthalmology; Ophthalmic
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology
P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine

Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing
Soc. Serv.: Social Service
S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital
Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no state is indicated.

ABBOT, E. S., cons. psychiat. (*McL.*) Pencomb Farm, Wayland

ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935 M. G. H.

Abbott, L. C., *Or.* 1916 Univ. Hosp. Med. Center, San Francisco, Calif.

ABRAMSON, D., a. obst. 127 Bay State Rd.

Acheson, G. H., *W.M.* 1939 Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio

Ackerman, I. P., *M.* 1951; r.p. 1955 University Hosp., Ann Arbor, Mich.

ADAMS, F. D., *Bd. of Cons.* (*W.M.* 1918) 226 Marlborough

Adams, H. D., *E.S.* 1932; r.s. *E.S.* 1934 605 Commonwealth Ave.

ADAMS, J., Jr., assoc. d. 704 Huntington Ave.

Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939 203 Commonwealth Ave.

Adams, Raymond A., r.p. *N.* 1951 Univ. of Virginia Med. Sch., Richmond, Va.

ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939 M. G. H.

Adams, W. B., *E.M.* 1918 Owls Head, Maine

Adamson, G. L., r.p. *N.* 1930 Winnipeg Clinic, Winnipeg, Manitoba, Canada

ADLER, M. H., a. psychiat. 130 Washington, Newton

Ahnlund, N. W., r.s. *Or.* 1943 Santa Clara County Hosp., San Jose, Calif.

ALBERT, J., a.r.p. *D.* M. G. H.

Albright, E. C., *W.M.* 1942 3901 Euclid Ave., Madison, Wis.

ALBRIGHT, F., p. (*W.M.* 1926) M. G. H.

Albuquerque, P. F., r.s. *U.* 1944 Rua Gomes Carneiro No. 28, Rio de Janeiro, Brasil

Aldwin, F. J., *C.M.* 1933 185 Crown, Meriden, Conn.

Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923 Commercial National Bank Bldg., Iron Mountain, Mich.

ALLEN, A. W., *Trustee; Bd. of Cons.* (*W.S.* 1915) 266 Beacon

ALLEN, D. W., a.r.p. (*M.* 1955) M. G. H.

ALLEN, H. F., a.s. *Oph.* (*W.S.* 1943) 200 Beacon

ALLISON, A. C., a.p. and a. path. M. G. H.

Allison, C. R., *W.M.* 1938; a.r.p. 1940 176 S. Goodman, Rochester, N. Y.

ALLMAN, C. H., s. *Otolar.* 520 Commonwealth Ave.

Alper, J. M., *E.M.* 1935
425 West End Ave., New York, N.Y.

ALPERT, D. R., a. *Oph.*
41 Bay State Rd.

Alston, E. F., *Path.* 1944; a.r.p. *Path.* 1945 2107 Van Ness Ave., San Francisco, Calif.

Alt, R. E., *W.S.* 1933
1 Monument Sq., Beverly

Alton, B. H., *W.S.* 1916
27 Elm, Worcester

ALTSCHULE, M. D., dir. *Int. M.* and *Res. Clin. Physiol.* (*McL.*)
74 The Fenway

AMES, A., III, res. assoc. *N.S.* M. G. H.

Andersen, E. W., a.r.p. *An.* 1948
Enighedsvey 7, Chl., Copenhagen, Denmark

Anderson, Erna G., r.p. *C.M.* 1943
815 Greenleaf Ave., Glencoe, Ill.

Anderson, R. L., *Or.* 1927
1208 Kanawha Blvd., East, Charleston, W. Va.

ANDREW, N. W., r.p. *An.* M. G. H.

ANGELINI, H. D., a. *Otolar.*
3 Seaward Ave., Wellesley Hills

ANGLEY, J. C., a. *M.*
School, Bryantville

Anthonisen, Margaret R., r.p. *Psychiat.* (*McL.*) 1934
Mary Hitchcock Memorial Hosp., Hanover, N. H.

Anthonisen, N. L., r.p. *Psychiat.* (*McL.*) 1932
20 Linden, Brattleboro, Vt.

APRAHAMIAN, H. A., a.r.p. *An.* M. G. H.

ARNSTEIN, A. R., a.r.p. (*M.* 1956) M. G. H.

Arrowood, Julia G., r.p. *An.* 1936
Boston Univ. Med. Sch.

Arthur, R. J., *C.M.* 1952
Children's Med. Center

Arzimanoglou, A. A., a.r.s. *Or.* 1952
Lakeville State Sanatorium, Middleboro

Atherton, L. D., r.s. *U.* 1952
321 W. Broadway, Louisville, Ky.

Atkins, L., r.p. *Path.* 1955 M. G. H.

Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.

Atwood, W. G., *W.S.* 1921
151 Rock, Fall River

AUB, J. C., *Bd. of Cons.* (*E.M.* 1915); h.p. *E.M.* 1917 M. G. H.

AUFRANC, O. E., v.s.*Or.* (*Or.* 1938); r.s. *Or.* 1939 266 Beacon

AUSTEN, F. K., a.r.p. (*M.* 1955) M. G. H.

Austen, W. G., *S.* M. G. H.

Austin, Grace L., r.p. *D.* 1930
25 Albert Ct., Kensington S.W.7, London, England

AUSTIN, R. C., r.s. (*S.* 1951) M. G. H.

Averill, J. H., *M.* 1947
249 Crescent, Northampton

AYER, J. B., hon. p.; cons.n. (*McL.*)
319 Longwood Ave.

Ayers, W.B., *W.S.* 1943
75 Central Park West, New York, N. Y.

Ayres, S., Jr., *W.M.* 1920
2007 Wilshire Blvd., Los Angeles, Calif.

Bachulus, M. J., *E.S.* 1934
146 Chestnut, Springfield

Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline

Badal, D. W., r.p. *Psychiat.* 1942
University Hosp., Cleveland, Ohio

BADGER, T. L., *Bd. of Cons.* (*E.M.* 1928) 264 Beacon

Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke

BAGGETT, B., a. *Biochem. Res. M.* M. G. H.

Baird, P. C., Jr., r.p. *E.M.* 1932
270 Commonwealth Ave.

BAKAY, L., a. *N.S.;* sr.r.s. *N.S.* 1951 M. G. H.

BAKER, D. V., Jr., clin. assoc. *S.* (*E.S.* 1943) 40 Broad

BAKER, M. P., p. (*E.M.* 1930) 262 Beacon

Baker, R. L., r.p. *N.* 1943
603 Mayer Bldg., Portland, Oreg.

BAKER, WILLIAM H., a.p. M. G. H.

Baker, William J., *W.S.* 1943
1071 Brush Hill Rd., Milton

BALBONI, G. M., hon. p. 20 Prince

BALBONI, V. G., a.p. (*W.M.* 1942)
101 Bay State Rd.

BALCH, F. G., hon. s. (*W.S* 1893)
109 Moss Hill Rd., Jamaica Plain

BALCH, F. G., Jr., *Bd. of Cons.* (E.S. 1925) 1180 Beacon, Brookline

Balfour, D. C., Jr., *E.M.* 1943
Mayo Clinic, Rochester, Minn.

BALLANTINE, H. T., Jr., a.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 M. G. H.

Bally, P. R., a.r.p. 1956
Peter Bent Brigham Hosp.
Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 86 Dodge, Beverly
Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough
Banker, Betty Q., a.r.p. *N.P.* 1954
Grace-New Haven Community Hosp., New Haven, Conn.
Banks, H. H., a.r.s. *Or.* 1952
Peter Bent Brigham Hosp.
Banks, R., Jr., *E.S.* 1943
143 Erie Ave., Decatur, Ga.
Barber, T. M., *E.M.* 1923
532 Med. Arts Bldg., Charleston, W. Va.
BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.
BARKER, R. H., assoc. obst. (*W.S.* 1937) 1101 Beacon, Brookline
Barlow, J. J., r.p. 1955
c/o Dr. Alexander Kellie, Middlesex Hosp., London, England
Barnes, B. A., *W.S.* 1945; a.r.s. 1952 M. G. H.
Barnett, C. G., *M.* 1954
2506 Green, San Francisco, Calif.
Barnett, T. B., *M.* 1950
Strong Memorial Hosp., Rochester, N. Y.
BARNEY, J. D., hon. s. (*E.S.* 1905) 412 Beacon
BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon, Brookline
BARR, J. S., c. *Or.* (*Or.* 1929) M. G. H.
Barretto, O. de F., *An.* 1944
Rua Armando Penteado 356 (Pacaembú), Sáo Paulo, Brasil
Barrow, D. W., *E.S.* 1937
348 Central Bank Bldg., Lexington, Ky.
Barrows, L. J., r.p. *N.* 1952; r.p. *N.P.* 1953
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 330 Dartmouth
BARRY, RICHARD M., a.r.p. M. G. H.
BARRY, RT. REV. ROBERT P., *Trustee* 71 Warner, W. Somerville
BARRY, ROY J., a.r.p. *R.* M. G. H.
Barss, T. P., a.r.p. *An.* 1950
Good Samaritan Hosp., Lexington, Ky.
BARTH, T. A., a.r.s. *Or.* M. G. H.
BARTLETT, M. K., v.s. (*W.S.* 1931) 264 Beacon
Bartlett, W. M., *C.M.* 1927
125 Michigan Ave., Decatur, Ga.
Barton, L. G., Jr., *E.S.* 1914
132 Court, Plattsburg, N. Y.
Bate, J. T., r.s. *U.* 1925
332 W. Broadway, Louisville, Ky.
Batt, R. C., r.p. *R.* 1940
210 Glen, Glens Falls, N. Y.
BAUE, A. E., a.r.s. (*S.* 1955) M. G. H.
*Bauer, F. L., *Path.* 1941
Rodriguez Army Hosp., APO 851, c/o Postmaster, New York, N. Y.
BAUER, W., c. *M.*; r.p. *W.M.* 1927 M. G. H.
Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946 2025 Shore Blvd., Astoria, Long Island, N. Y.
Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936 520 Commonwealth Ave.
BECK, P., a. *Oph.* 142 Court, Portsmouth, N. H.
Bedell, W. C., *E.S.* 1945
168 S. Cherry, Poughkeepsie, N. Y.
BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.
Beeman, C. B., *Path.* 1934
16 Monroe Ave., N. E., Grand Rapids, Mich.
BEETHAM, W. P., s. *Oph.*
108 Bay State Rd.
BEHRINGER, G. E., a. *S.* (*W.S.* 1946); a.r.s. 1952 266 Beacon
Bell, G. O., *W.M.* 1936
321 Crafts Rd., Newton
Bell, John F., *Or.* 1941
288 Main, Burlington, Vt.
Bell, John W., *E.S.* 1946
1214 E. 64th, Seattle, Wash.
BENDA, C. E., a. psychiat.
21 Bay State Rd.
Bendheim, O. L., *W.M.* 1938
1515 N. 9th, Phoenix, Ariz.
BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.
BENEDICT, PATRICIA H., a. *M.* 264 Beacon
Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951 3020 Washington, San Francisco, Calif.
Bennett, C. B., *Or.* 1923
1122 University Ave., Berkeley, Calif.
BENNETT, DORIS R., clin. assoc. *C.M.* (*C.M.* 1951); a.r.p. *C.M.* 1952 33 Southgate Pk., W. Newton

*Not in States and Cities section of this Directory

Bennett, Lillian F., *C.M.* 1946
Johns Hopkins Hosp., Baltimore, Md.

Bennett, W., *M.* 1948; a.r.p. 1949
New Eng. Center Hosp.

BENSON, J. A., Jr., a. *M.* M. G. H.

BERENBERG, W., cons. *C.M.*
Children's Med. Center

Berg, H. W., r.p. *D.* 1936
75 Willett, Albany, N. Y.

BERG, R. L., assoc. p. (*M.* 1944); c.r.p. 1950 M. G. H.

Berkheimer, G. A., r.s. *Or.* 1941
112 State, Harrisburg, Pa.

Berkley, H. K., *C.M.* 1916
153 S. Lasky Dr., Beverly Hills, Calif.

Berlow, S., *C.M.* 1951; c.r.p. *C.M.* 1954
1513 E. Capitol Dr., Milwaukee, Wis.

Bernstein, N. R., a.r.p. *Psychiat.* 1954
M. G. H.

BERTUCIO, MARY L., a. *C.M.*
M. G. H.

Bickley, D. W., *W.M.* 1936
318 W. 4th, Waterloo, Iowa

Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949
203 State, Portland, Maine

Bienvenu, L. J., a.r.p. *D.* 1951
1426 Elm, Manchester, N. H.

Bigelow, F. S., *E.M.* 1943; a.r.p. 1947
Vet. Adm. Hosp., W. Roxbury

Billig, H. E., Jr., *Or.* 1935
Billig Clinic, Los Angeles, Calif.

BINGER, C. A. L., cons. v. psychiat. (*E.M.* 1915) 21 Lowell, Cambridge

Binion, J. T., *M.* 1953; a.r.p. 1954
National Inst. of Health, Bethesda, Md.

Binney, H., *S.S.* 1902
65 Green, Milton

BIRD, K. T., a. *M.* (*M.* 1944)
5 Bay State Rd.

Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg., Omaha, Nebr.

Bishop, R. C., *M.* 1945; a.r.p. 1949
Simpson Memorial Inst., Ann Arbor, Mich.

Bixby, H. I., *W.S.* 1924
21 Park, Attleboro

BLADE, W. R., a.r.p. *R.* M. G. H.

Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.

BLAND, E. F., p. (*E.M.* 1929)
M. G. H.

BLANK, I. H., assoc. biochem. *D.*
M. G. H.

Bliss, H. A., *M.* 1945; a.r.p. 1947
4 W. Clearfield Rd., Havertown, Pa.

Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio

BLODGETT, F. M., assoc.p. *C.M.* (*C.M.* 1946); c.r.p. *C.M.* 1950
M. G. H.

Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.

BLOM, G. E., assoc. psychiat.
M. G. H.

Bloomberg, W., r.p. *N.* 1931
Cushing Vet. Adm. Hosp., Framingham

Bloomer, E., *E.S.* 1917
22340 Michigan Ave., Dearborn, Mich.

Blunden-Morris, Dulcie E., a.r.p. *An.* 1953
306 Patterson Ct., Takoma Pk., Md.

BOCK, A. V., *Bd. of Cons.* (*W.M.* 1917); sr.h.p. *W.M.* 1924
13 Holyoke, Cambridge

Boger, W. P., a.r.p. 1942
Box 236, West Point, Pa.

Boller, C., *E.M.* 1929
276 Dorchester Rd., Rochester, N. Y.

BONNER, FRANCES J., a. *Psychiat.*
127-A Bay State Rd.

Boone, J. A., *C.M.* 1934
Med. Coll. of South Carolina, Charleston, S. C.

Borden, R. P., *W.S.* 1914
52 Main, New Britain, Conn.

Bosco, H. F., *Dn.* 1946
319 Commonwealth Ave., New Britain, Conn.

Bost, F. C., *Or.* 1929
384 Post, San Francisco, Calif.

Boutwell, H. K., *E.M.* 1905
15 Green, Brookline

Bowden, L., *E.S.* 1941; a.r.s. 1942
863 Park Ave., New York, N. Y.

Bowditch, H., *W.M.* 1911
44 Harvard Ave., Brookline

BOWER, W. H., psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1949
McLean Hosp., Waverley

Boyd, H., *C.M.* 1922
935 Main, Manchester, Conn.

Boyden, A. M., *W.S.* 1934
1216 S. W. Yamhill, Portland, Oreg.

Boyes, J. H., *Path.* 1930
1401 S. Hope, Los Angeles, Calif.
Boylston, B. F., sr.r.s. *Or.* 1950
5215 S. Main, Houston, Tex.
BRACE, L. D., *Trustee* 67 Milk
BRACONIER, H. E., a.s. *Oph.*
1180 Beacon, Brookline
BRAILEY, A. G., assoc. p. (*E.M.* 1930) 1180 Beacon, Brookline
BRAMAN, CONSTANCE L., a. to gen. dir. *P.H.* (*S.N.* 1932) M. G. H.
Brannon, L. C., r.s. *N.S.* 1955
U. S. Naval Hosp., Philadelphia, Pa.
BRATT, H. A., a.dn.s.
8 Belgrade Ave., Roslindale
Braudo, J. L., a.r.p. *C.M.* 1953
Children's Med. Center
BRAZELTON, T. B., assoc.p. *C.M.*; a.r.p. *C.M.* 1947 51 Brattle, Cambridge
BRAZIER, MARY A. B., neurophysiol. *N.* M. G. H.
BREED, F. B., a. *Oph.*
3 Winter, Salem
BREER, R. D., a.r.p. *C.M.* M. G. H.
Brendler, S., sr.r.s. *N.S.* 1953
Walter Reed Hosp., Washington, D. C.
Brenizer, A. G., Jr., *W.S.* 1942; r.s. 1944 1425 Elizabeth Ave., Charlotte, N. C.
Brent, R. L., *C.M.* 1955
Grad. Sch. of Walter Reed Hosp., Washington, D. C.
Breslin, J. E., *C.M.* 1938
74 North, Pittsfield
BRESLOW, A., a.r.p. *Path.* M. G. H.
Brewster, H. H., *W.M.* 1940
University Hosp., Cleveland, Ohio
Brewster, W. R., Jr., a.r.p. *An.* 1950 M. G. H.
BRICKLEY, W. J., cons. *Forensic Path.* 524 Commonwealth Ave.
Bridge, E. M., *C.M.* 1927
Johns Hopkins Hosp., Baltimore, Md.
BRIGGS, B. D., assoc. an. M. G. H.
Brigham, F. G., *E.M.* 1910
27 Devon Rd., Chestnut Hill
Brindley, C. O., *M.* 1950
Mayo Foundation, Rochester, Minn.
Brock, B. L., *C.M.* 1923
Waverly Hills, Ky.
BROCKHURST, R. J., a. *Oph.* (*M.* 1948) 327 Charles
Brockman, Jimmie C., r.p. *Psychiat.* 1955 M. G. H.
BRODERICK, T. F., Jr., a.s. *Or.*; sr.r.s. *Or.* 1947
1265 Beacon, Brookline
Brooks, P. T., *E.S.* 1943; a.r.s. 1949
Walla Walla Clinic, Walla Walla, Wash.
Broome, R. A., Jr., *M.* 1944
3 W. Columbia, Orlando, Fla.
Brown, C. S., a.r.p. *D.* 1952
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Brown, F. B., *Or.* 1937
612 Drayton, Savannah, Ga.
BROWN, J. F., an. (*E. & E.*)
Mass. E. & E. Inf.
Brown, Lloyd, *N.S.* 1938
341 Highland, Milton
Brown, Lloyd T., *S.S.* 1908
Murray Lane, Harvard
BROWN, MADELAINE R., n.
264 Beacon
Brown, Ralph G., *Path.* 1942
722 Prospect Ave., Winnetka, Ill.
Brown, Robert H., *E.S.* 1944; j.r.s. 1945 28 High, Sharon
Brown, Robert K., *W.S.* 1939; r.s. 1942 1624 Gilpin, Denver, Colo.
BROWN, T., a.s. *Or.*; r.s. *Or.* 1949
234 Marlborough
BROWNELL, G. L., assoc. physicist *M.* M. G. H.
BROWNSBERGER, C. N., a.r.p. M. G. H.
Brues, A. M., *E.M.* 1932
Univ. of Chicago, Chicago, Ill.
Buchanan, R. N., Jr., r.p. *D.* 1941
706 Church, Nashville, Tenn.
BUCHANAN, W. R., Jr., a.r.p. *C.M.* (*C.M.* 1955) M. G. H.
BUCHER, NANCY L. R., assoc. biol. *M.* M. G. H.
Bull, E. C., *Or.* 1917
384 Post, San Francisco, Calif.
Bullard, C. W., *W.S.* 1918
194 High, Newburyport
BULLINGTON, S. J., a. *Oph.*
1180 Beacon, Brookline
BUNKER, J. P., assoc. an. (*E.S.* 1946); a.r.p. *An.* 1950 M. G. H.
BURBANK, C. B., a.s. (*W.S.* 1939); r.s. 1942
264 Beacon
BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935
151 Kent, Brookline

BURKE, J. F., a.r.s. (*S.* 1952)
M. G. H.

Burland, G. R., a.r.s. 1953
Olds, Alberta, Canada

Burnett, C. H., c.r.p. 1946
Sch. of Med., Univ. of North Carolina, Chapel Hill, N. C.

Burnett, F. L., *S.S.* 1908
520 Commonwealth Ave.

Burns, E. M., r.p. *Psychiat.* 1935
2222 N.W. Lovejoy, Portland, Oreg.

BURRAGE, WALTER S., *Bd. of Cons.* (*E.M.* 1927) 330 Dartmouth

Burrage, William C., *E.M.* 1941; a.r.p. 1946 57 Deering, Portland, Maine

Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949 507 Main, Worcester

Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921 416 Marlborough

Bush, R. D., *W.S.* 1943
203 Commonwealth Ave.

BUTLER, A. M., c. *C.M.* M. G. H.

Buttles, R. V., r.p. *Path.* 1950
Heaton Hosp., Montpelier, Vt.

Byers, R. K., *E.M.* 1923
Children's Med. Center

Byrnes, R. L., a.r.p. *Path.* 1954
Memorial Hosp., New York, N. Y.

CAIN, A. J., a. psychiat. (*McL.*)
McLean Hosp., Waverley

Calhoun, F. P., Jr., *E.M.* 1938
540 Peachtree Battle Ave., Atlanta, Ga.

CALKINS, E., a.p.; c.r.p. 1952
M. G. H.

CAMERON, H. S., a.r.s. *Or.* M. G. H.

Campbell, C. R., r.p. *Path.* 1955
Univ. of California Med. Center, San Francisco, Calif.

Campbell, J. L., r.p. *An.* 1940
806 Republic Bldg., Denver, Colo.

CANER, G. C., *Bd. of Cons.* (*W.M.* 1924) 63 Marlborough

CANLAS, B. D., Jr., r.p. *Path.*
M. G. H.

CANNON, B., assoc. v.s.
330 Dartmouth

Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946 365 W. Doran, Glendale, Calif.

Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941 220 S. Virginia, Reno, Nev.

Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938 130 N. Virginia, Reno, Nev.

Capland, L., r.p. *D.* 1940
541 Lincoln Rd., Miami Beach, Fla.

Capps, J. A., *E.M.* 1896
1215 E. 56th, Chicago, Ill.

Capps, R. B., *C.M.* 1931 and *E.M.* 1933 122 S. Michigan Ave., Chicago, Ill.

Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949 Cincinnati Gen. Hosp., Cincinnati, Ohio

Carey, J. M., *W.S.* 1946
76 Miami Ave., Newington, Conn.

CARMICHAEL, MIRIAM W., a.r.p. *N.* M. G. H.

Carmody, J. T. B., a.r.s. *N.S.* 1936
65 Elm, Worcester

CARNES, H. A., a. oral s.
29 Bay State Rd.

CARNEY, H. J., a. oral s.
395 Commonwealth Ave.

Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944
420 E. 59th, New York, N. Y.

CARROLL, W. J. E., s. *Otolar.*
5 Chestnut, Arlington

Carson, P. C., r.s. *Or.* 1940
38 School, Springfield

CARTER, E. L., a.r.s. (*S.* 1954)
M. G. H.

CARTER, F., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1948
51 Brattle, Cambridge

Carter, G. H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948
26 Farrar, Cambridge

Carter, R. R., r.p. *N.* 1942
553 Med. Arts Bldg., Portland, Oreg.

Cascario, N., Jr., *Dn.* 1944
36 N. 1st, Bangor, Pa.

Case, C. T., *W.S.* 1943
270 Genesee, Utica, N. Y.

CASS, J. W., Jr., a.p. (*W.M.* 1931)
1101 Beacon, Brookline

CASTEN, V. G., s. *Oph.* (*N.* 1929)
412 Beacon

Castle, W. B., *E.M.* 1923
Boston City Hosp.

CASTLEMAN, B., c. *Path.* (*Path.* 1932); r.p. *Path.* 1935 M. G. H.

Catterson, L. F., *C.M.* 1924
107½ High Ave., Oskaloosa, Iowa

CAVANAUGH, T., a.s. *Oph.*
395 Commonwealth Ave.

CAVE, E. F., v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) 264 Beacon

Cecil, L. McF., *M.* 1950
University Hosp., Ann Arbor, Mich.

CERRATO, C. M., a.s. *Otolar.*
15 Bay State Rd.

CHAFETZ, M. E., a. *Psychiat.* 31 Bay State Rd.

Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921 1136 W. 6th, Los Angeles, Calif.

Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 23 E. 79th, New York, N. Y.

Chamberlin, H. R., *C.M.* 1949 Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

CHANDLER, P. A., s. *Oph.* 5 Bay State Rd.

Chapin, L. D., *E.M.* 1908 20 Maple, Springfield

Chaplin, H., Jr., *M.* 1948; r.p. 1950 Hammersmith Hosp., London W.12, England

Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 Box 343, Rochester, Minn.

CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 330 Dartmouth

CHAPMAN, R. B., a. *Oph.* 743 High, Dedham

CHAPMAN, W. P., a. *M.* M. G. H.

Charash, L. I., a.r.p. *C.M.* 1952 87 Webster, Irvington, N. J.

Chase, J. S., *E.S.* 1940 141 W. Elm, Brockton

Cheer, Sheo-Nan, *E.M.* 1922 National Central Univ., Nanking, China

Cheney, M. C., *W.M.* 1918 2560 Bancroft Way, Berkeley, Calif.

Chernoff, A. I., *M.* 1948 120 Dwight, New Haven, Conn.

CHISHOLM, J. F., Jr., a. *Oph.* Mass. E. & E. Inf.

Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938 Vermont State Hosp., Waterbury, Vt.

CHO, CHUNG HYUN, a.r.p. *An.* M. G. H.

Christensen, W. R., *W.M.* 1943 Salt Lake County Gen. Hosp., Salt Lake City, Utah

Christenson, W. N., *M.* 1949; a.r.p. 1950 Postgraduate Med. Sch., Du Cane Rd., London W. 12, England

CHRISTMAN, G., a. oral s. (*Dn.* 1951); a.r.s. *Dn.* 1952 403 Commonwealth Ave.

CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.

CHUTE, R., *Bd. of Cons.* (*E.S.* 1929) Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

Ciano, J. F., *Dn.* 1954 350 Hancock, Quincy

Claiborne, T. S., *W.M.* 1934 384 Peachtree, Atlanta, Ga.

Clapp, S., *N.S.* 1939 1926 W. Superior, Duluth, Minn.

CLARK, DEAN A., gen. dir. M.G.H.

Clark, DeWitt S., Jr., *E.S.* 1915 2 Oliver, Salem

Clark, G. O., *E.S.* 1904 "Chailey", Newburyport

CLARK, J. G., Jr., r.p. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1955 McLean Hosp., Waverley

Clark, L. D., *M.* 1948; r.p. *Psychiat.* 1950 Vet. Adm. Hosp., Fort Douglas Div., Salt Lake City, Utah

Clark, M. M., *Or.* 1928 38 N. Goodman, Rochester, N. Y.

Clark, N. H., *W.M.* 1905 286 River Ave., Holland, Mich.

CLARK, R. J., assoc. p. (*W.M.* 1933) 15 Dix, Winchester

Clark, S. L., Jr., *M.* 1950 Vanderbilt Univ. Sch. of Med., Nashville, Tenn.

Clarke, B. G., *E.M.* 1943 Pratt Diagnostic Clinic

CLAY, C. L., a.dir. M. G. H.

Clement, J. D., Jr., *W.S.* 1944 77 Essex, Bangor, Maine

Clement, S. P., Jr., *M.* M. G. H.

CLIFFORD, M. H., a.p.; a.r.p. 1935 501 Boylston

CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) 1101 Beacon, Brookline

CLINE, H. S., a.r.p. *Psychiat.* M. G. H.

Cline, J. W., Jr., *E.S.* 1927 490 Post, San Francisco, Calif.

CLOUGH, J. M., a.s. *Oph.* 101 Bay State Rd.

Clowes, G. H. A., Jr., a.r.s. 1948 Cleveland City Hosp., Cleveland, Ohio

Cobb, C. A., Jr., r.p. *N.* 1948 Vanderbilt Med. Sch., University Hosp., Nashville, Tenn.

COBB, S., *Bd. of Cons.*; cons. psychiat. (*McL.*) 34 Fernald Dr., Cambridge

Cobbs, B. W., Jr., *M.* 1953; r.p. 1955 Postgraduate Hosp., London W. 12, England

Cochran, William D., a.r.p. *C.M.* 1954
Children's Med. Center
COCHRAN, WILLIAMS, clin. assoc. *Or.* 266 Beacon
COE, R. C., a. *S.* (*S.* 1951); r.s. 1955
M. G. H.
COGAN, D. G., s. *Oph.* and dir. *Oph. Path.* Mass. E. & E. Inf.
Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.
COGSWELL, THELMA B., exec. a. *M.G.H. Clin.* (*S.N.* 1926) M. G. H.
COHEN, A., a.p. *C.M.*
1093 Beacon, Brookline
Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.
Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center
COHEN, M. E., a.n.; a.r.p. *Psychiat.* 1936 M. G. H.
COHEN, R. B., a. *Path.;* r.p. *Path.* 1953 M. G. H.
Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.
Cohn, Z. A., *M.* 1954; a.r.p. 1955
M. G. H.
COLBY, F. H., *Bd. of Cons.* (*W.S.* 1920) 262 Beacon
Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.
COLE, E. M., n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*) 412 Beacon
COLES, M. R., a.r.p. *Psychiat.;* r.p. *Psychiat.* (*McL.*) M. G. H.
Coley, Mary S., *C.M.* 1955
c/o Dr. Geoffrey M. Coley,
Boston City Hosp.
Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915 University Hosp.,
Ann Arbor, Mich.
COLLINS, D. L., Jr., a.r.s. (*S.* 1955) M. G. H.
Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.
Collins, Herschel D., *M.* 1953; r.p. 1955 8 N. Main, Caribou, Maine
Collins, R., Jr., *E.S.* 1933
3812 S. 9th, Arlington, Va.
COLLINSON, A. W., a.s. *Oph.*
226 Bay State Rd.
Colokathis, P., a.r.s. *Or.* 1954
967 Elm, Manchester, N. H.
Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch.,
Halifax, Nova Scotia, Canada
Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne,
Victoria, Australia
Colwell, H. S., *E.M.* 1916
309 Edwards, New Haven, Conn.
Comly, H. H., *C.M.* 1944
2105 Como Ave., St. Paul, Minn.
Compton, D. W., r.p. *An.* 1946
1110 Harvard Ave., Seattle, Wash.
Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.
Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave.,
Milwaukee, Wis.
Conrad, Elizabeth, a.r.p. *C.M.* 1945
409 Reynolds Bldg.,
Winston-Salem, N. C.
Constable, J. D., *S.* 1953; a.r.s. 1954
M. G. H.
Cook, C. D., a.r.p. *C.M.* 1949
Boston Lying-in Hosp.
Coolidge, J.C., *C.M.* 1945
12 Orchard Rd., Belmont
Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.
Coombs, F. S., a.r.p. 1937
803 Home Savings and Loan Bldg.,
Youngstown, Ohio
Coons, A. H., *E.M.* 1939
949 Canton Ave., Milton
Cooper, L. F., *W.M.* 1928
2222 Q, N. W., Washington, D. C.
COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932 M. G. H.
Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.
COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington
COTTER, W. C., a.r.s. *N.S.* M. G. H.
Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc.,
Upton, Long Island, N. Y.
COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave.
Cozen, L., *Or.* 1938
2007 Wilshire Blvd.,
Los Angeles, Calif.
CRABTREE, H. H., hon.s. (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919
412 Beacon
Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950 address unknown
Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp.,
Chapel Hill, N. C.

Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.

Crawford, E. S., *E.S.* 1947; r.s. 1954
Baylor Univ. Coll. of Med., Houston, Tex.

Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932 35 Chestnut, Rochester, N. Y.

CRAWFORD, J. D., assoc.p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949 M. G. H.

CROCKETT, D. C., assoc. dir. *Resources and Development* M. G. H.

Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa

Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.

CRONIN, T. P., a. *Oph.*
94 Pleasant, Arlington; 101 Bay State Rd.

CRONKHITE, L. W., Jr., a. *M.* (*M.* 1950); r.p. 1953 M. G. H.

Crothers, B., *W.M.* 1911
Children's Med. Center

CROWLEY, C. W., a.dn.s.
8 Newbury

Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 509 Olive Way, Seattle, Wash.

Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.

Culver, G. A., a.r.p. *An.* 1950
Box 17039, Houston, Tex.

CULVER, P. J., a.p. (*E.M.* 1942) M. G. H.

Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950 Westwood

CUMMINS, LORETTA J., hon.p.
412 Beacon

Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.

CURRENS, J. H., a. *M.*
226 Marlborough

Currie, R. A., *S.* 1950; a.r.s. 1954
2818 Virginia Rd., Augusta, Ga.

CURTIN, R. R., a.r.s. (*S.* 1953) M. G. H.

Cusick, L. F., *E.S.* 1906
168 Willow Rd., Nahant

Cutler, G. D., *E.S.* 1912; h.s. 1913
319 Longwood Ave.

Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.

DAFFINEE, R. W., assoc.p. *C.M.* (*C.M.* 1930); r.p. *C.M.* 1931
8 Porter, Melrose

Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.

DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon

D'Alessandro, G. L., a.r.p. *An.* 1950
275 Forest Ave., Glen Ridge, N. J.

DALRYMPLE, W., a. *M.* (*M.* 1947)
4 Bay View Rd., Wellesley

Dalton, J. E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.

DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.

DAMIANI, C. R., a. *D.*; r.p. *D.* 1946
16 Norwich, Worcester

Damon, A., *M.* 1952
Constitution Lab., Columbia-Presbyterian Med. Center, New York, N. Y.

Dann, D. S., h.p. *R.* 1922
410 Professional Bldg., Kansas City, Mo.

DARLING, R. C., Jr., a.r.s. (*C.M.* 1954) M. G. H.

d' Autremont, C. C., r.p. *N.* 1948
82 Marlborough

DAVID, J. R., a.r.p. (*M.* 1956) M. G. H.

David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.

Davidson, W. D., *Or.* 1933
3115 E. Blackford Ave., Evansville, Ind.

DAVIES, J. A. V., p. *C.M.*
319 Longwood Ave.

DAVIES, SYLVIA A., a.r.p. *C.M.* M. G. H.

Davis, A. G., *Or.* 1922
716 Sassafras, Erie, Pa.

Davis, B. M., a.r.s. *W.S.* 1942
4 Woodcote Park Ave., Purley, Surrey, England

Davis, J. M., *S.* 1948; a.r.s. 1952
2720 Park, Jacksonville, Fla.

DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
51 Brattle, Cambridge

Dawson, C. W., *Or.* 1936
150 E. Broad, Columbus, Ohio

DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave.

DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950 303 Dodge Ave., New Orleans, La.

DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932) 266 Beacon

DEGEN, J. W., a. dir. M. G. H.

DeLORME, T. L., a. *Or.;* sr.r.s. *Or.* 1955 234 Marlborough

d'Elseaux, F. C., *W.M.* 1929 37 Marlborough

de MARNEFFE, F. L. A., assoc. psychiat. (*McL.*); a.r.p. *Psychiat.* 1952 274 Commonwealth Ave.

DEMING, RUTH, exec. a. *M. G. H. Clin.* (*S.N.* 1925) M. G. H.

DEMPSEY, P. A., dn.s. 56 Melville Ave., Dorchester

Dennen, R. W., *E.S.* 1911 Tennants Harbor, Maine

Dennie, C. C., *D.* 1914 1103 Grand Ave., Kansas City, Mo.

Denton, Jane E., *M.* 1946; a.r.p. 1946 Cushing Vet. Adm. Hosp., Framingham

DePRIEST, O. S., III, a.r.s. (*S.* 1955) M. G. H.

Derby, J. P., *Or.* 1925 20 Maple, Springfield

Derow, H. A., *Path.* 1928 520 Beacon

Derow, S., *Path.* 1931 925 Centre, Newton Centre

Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941 25 Maple, Springfield

DeSanctis, R. W., *M.* M. G. H.

DETWILER, ROBERT C., a.r.s. *Or.* M. G. H.

Detwiler, Robert H., *C.M.* 1940 3120 N. 13th, Arlington, Va.

DEUTSCH, HELENE, *Bd. of Cons.* 44 Larchwood Dr., Cambridge

Dewey, E. B., *E.S.* 1921 Thatcher Med. Center, 960 E. Green, Pasadena, Calif.

DeWILDE, H., a.dn.s. 188 Longwood Ave.

DEXTER, C. J., clin. assoc. *S.* 51 Brattle, Cambridge

Dexter, R., *E.M.* 1906 1422 Euclid Ave., Cleveland, Ohio

DIAMOND, L. K., cons. *C.M.* Children's Med. Center

DICKERSIN, G. R., a.r.p. *Path.* M. G. H.

Dickson, Carol C., *M.* 1948; *C.M.* 1949 1 University Pl., New York, N. Y.

DICKSON, W. A., a.p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947 266 Beacon

DIENES, L., cons. b. M. G. H.

Dillon, V. M., *Or.* 1932 490 Post, San Francisco, Calif.

Diner, Wilma J. Canada, a.r.p. *Path.* 1951; r.p. *R.* 1954 St. Luke's Hosp., New Bedford

DITMORE, H. B., Jr., a.r.s. (*S.* 1954) M. G. H.

Dixson, I. M., *W.S.* 1930 1601 Downing, Denver, Colo.

Dodd, R. B., a.r.p. *An.* 1950 127 Washington, Allston

DODGE, P. R., a.n. M. G. H.

Dodge, R. S., a.r.s. *Or.* 1946 402 Dillingham Bldg., Honolulu, T. H.

Dodson, L. C., r.s. *P.H.* 1932 330 Allen, Owensboro, Ky.

Dohan, F. C., a.r.p. 1935 Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

Doisy, E. A., Jr., *M.* 1945 St. Louis Univ. Med. Sch., St. Louis, Mo.

Dole, K. L., *E.S.* 1917 47 E. Vine, Redlands, Calif.

Dole, V. P., Jr., *E.M.* 1941 Rockefeller Inst. Hosp., New York, N. Y.

Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp., Burlington, Vt.

DONAHUE, H. C., assoc. s. *Oph.* 520 Commonwealth Ave.

Donald, J. H., *M.* 1947; a.r.p. 1948 1545 W. Colorado Blvd., Dallas, Tex.

DONALDSON, D. D., a. *Oph.* Mass. E. & E. Inf.

DONALDSON, G. A., assoc. v.s. (*E.S.* 1938); r.s. 1942 266 Beacon

DONNER, R., a.r.p. *Path.* M. G. H.

DONOVAN, J. F., a.r.s. *Or.* M. G. H.

Drake, E. H., a.r.s. 1945 29 Deering, Portland, Maine

Drake, T. G., a.r.p. 1937 4515 Lindell Blvd., St. Louis, Mo.

DREISLER, K. K., a. *Oph.* 101 Bay State Rd.

Dresel, R. L., *Or.* 1921 450 Sutter, San Francisco, Calif.

Drewry, G. R., *M.* 1953 994 Sumner Ave., Springfield

Dreyfus, P. M., r.p. *N.* 1955 M. G. H.

DROOKER, J. C., assoc. s. *Otolar.* 20 Charlesgate West

Dudley, H. R., Jr., *M.* 1953; a.r.p. *Path.* 1954 M. G. H.

Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon

DUGGAN, J. A., a. *C.M.*
713 Pleasant, Worcester

Dulin, J. W., *Path.* 1933
University Hosp., Iowa City, Iowa

Dumas, C. E., r.p. *R.* 1931
390 Main, Worcester

DUNCAN, C. J., a.obst.
1101 Beacon, Brookline

DUNN, E., a.r.s. M. G. H.

Dunn, Fa-Chi, a.r.p. *D.* 1954
Kaiser Foundation Hosp.,
Oakland, Calif.

Dunn, W. M., *E.S.* 1912
address unknown

DUNPHY, E. B., c. *Oph.*
Mass. E. & E. Inf.

Durkin, H. A., *C.M.* 1915 and *W.M.* 1917 102 North, Peoria, Ill.

Durno, E. R., *E.S.* 1929
7 S. Central Ave., Medford, Oreg.

D'Urso, J. J., r.p. *D.* 1944
301 Essex, Lawrence

DuTOIT, C. H., a.p. (*W.M.* 1943); c.r.p. 1949 M. G. H.

Dwight, R. W., *W.S.* 1931
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

DWYER, J. H., r.p. *Psychiat.* (*McL.*); a.r.p. *C.M.* 1956
McLean Hosp., Waverley

DYER, E. C., clin. assoc. *C.M.*
1180 Beacon, Brookline

EASTON, M. T., assoc.s. *Oph.*
1180 Beacon, Brookline

Edelman, G. M., *M.* 1955
132-34 Cross Bay Blvd.,
Ozone Park, N. Y.

Edgelow, A. F. G., *W.S.* 1921
76 Maple, Springfield

Edmonds, H. W., r.p. *Path.* 1942
909 University, Seattle, Wash.

Edsall, G., *E.M.* 1936
36 Follen, Cambridge

Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama,
Birmingham, Ala.

Egel, N., r.s. *Or.* 1938
917 Stella Ave., Plainfield, N. J.

Egloff, F. R. L., r.p. *Psychiat.* 1951
1007 Farmington Ave.,
W. Hartford, Conn.

Ehrenkranz, N. J., *M.* 1950; r.p. 1954 M. G. H.

Eiseman, B., *E.S.* 1943
Vet. Adm. Hosp., Denver, Colo.

ELDREDGE, L. L., Jr., a.p. *C.M.*; a.r.p. *C.M.* 1951 215 Main,
Hingham

Eliel, L. P., *E.M.* 1942
Oklahoma Med. Res. Inst.,
Oklahoma City, Okla.

Ellery, S. W., *E.S.* 1943
923 Rosewell Ave.,
Long Beach, Calif.

Elliot, H. L., r.p. *An.* 1942
479 Beacon, Manchester, N.H.

Elliott, J. A., Jr., *M.* 1945
1012 Kings Dr., Charlotte, N. C.

ELLIS, D. S., a.p. (*E.M.* 1941)
1101 Beacon, Brookline

Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952
110 S. Oakley, Columbus, Ohio

Ellis, L. B., *E.M.* 1928
319 Longwood Ave.

Elrick, H. E., *M.* 1944; a.r.p. 1947
1055 Clermont, Denver, Colo.

EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942
270 Commonwealth Ave.

Emerson, K., *E.S.* 1902
721 Huntington Ave.

Emerson, W. J., a.r.p. *Path.* 1947
Box 269, Somerville, N. J.

Emmons, A. B., II, *W.S.* 1905
Bay View Estates, Brewster Dr.,
Indian Rocks, Fla.

ENDEE, C. H., a.dn.s.
6 Marlborough

ENGEL, L. L., assoc. biochem. *M.* M. G. H.

ENGLAND, A. C., Jr., a. *N.*
115 Bay State Rd.

English, H. S., a.r.p. *N.P.* 1948
Syracuse Med. Sch.,
Syracuse, N. Y.

Enterline, J. D., *E.S.* 1943; j.r.s. 1944
Box 381, Millwood, Wash.

Eppright, R. H., a.r.s. *Or.* 1955
5426 Windswept Lane,
Houston, Tex.

ERNLUND, C. H., s. *Otolar.*
5 Bay State Rd.

ESSEMBER, L. J., a. *C.M.*; a.r.p. *C.M.* 1953 Beverly Hosp.,
Beverly

Esslinger, J. O., a.r.s. *Or.* 1952
76 W. Adams Ave., Detroit, Mich.

EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913)
Hancock, N. H.

EVANS, M. G., s. *Otolar.*
416 Marlborough

Evans, Richard R., *Path.* 1944
Cleveland Clinic, 2020 E. 93rd, Cleveland, Ohio

EVANS, ROBLEY D., cons. *Physics* M. I. T., Cambridge

Evans, S. S., *E.S.* 1945; a.r.s. 1950
619 S. Broadway, McAllen, Tex.

Ewell, J. W., *W.M.* 1937
Dept. of Hygiene and Health, Yale Univ., New Haven, Conn.

Ewer, E. G., *Or.* 1936
1624 Franklin, Oakland, Calif.

Exley, M. M., r.s. *U.* 1938
513 Med. Arts Bldg., Norfolk, Va.

Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949
55 E. Washington, Chicago, Ill.

Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947
85 Jefferson, Hartford, Conn.

Fallon, J. T., *C.M.* 1925
Charles V. Chapin Hosp., Providence, R. I.

Fang, H. C. H., a.r.p. *Psychiat.* 1952
Boston City Hosp.

Farmer, D. A., *W.S.* 1943
62 E. Newton

FARNSWORTH, D. L., p. (*W.M.* 1935) 15 Holyoke, Cambridge

Farrell, M. E., *C.M.* 1934
318 Spring Ave., Clarksburg, W. Va.

FARRISEY, CLAIRE G., admin. a. (*R.N.*) M. G. H.

FARRISEY, RUTH M., exec. o. *M. G. H. Clin.* (*S.N.* 1938) M. G. H.

Faulkner, J. M., *E.M.* 1925
Med. Dept., M.I.T., Cambridge

Faust, L. W., r.s. *U.* 1924
425 Med. Arts Bldg., Grand Rapids, Mich.

Fawcett, D. W., *W.S.* 1943
H. M. S.

FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

FAXON, N. W., dir. emeritus (*S.S.* 1906) W. Falmouth

FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough

Federman, D. D., *M.* 1954; a.r.p. 1955
National Inst. of Health, Bethesda, Md.

FEENEY, F. J., a.dn.s.
444 Essex, Lawrence

Fennell, R. H., Jr., sr.r.p. *Path.* 1949
Elizabeth Steel Magee Hosp., Pittsburgh, Pa.

Ferguson, A. B., Jr., a.r.s. *Or.* 1950
14 Bertwell Rd., Lexington

FERGUSON, E. L., a.r.s. (*S.* 1954) M. G. H.

Ferguson, I. A., Jr., *S.* 1953; a.r.s. 1954 353 Argonne Dr., N.W., Atlanta, Ga.

Ferguson, J. J., Jr., *M.* 1951; r.p. 1955
4855 Westbourne Rd., Lyndhurst, Ohio

FERRIS, B. G., cons. *M.*
Harvard Sch. of Public Health

Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
333 Linwood, Buffalo, N. Y.

Field, J. B., *M.* 1952; r.p. 1954
National Inst. of Arthritic and Metabolic Dis., National Inst. of Health, Bethesda, Md.

Field, R. A., *M.* 1950; c.r.p. 1955
Washington Univ. Sch. of Med., St. Louis, Mo.

Finck, A. J., a.r.p. *An.* 1949
39 Somerset Rd., Brookline

Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.

Fine, J., a.r.s. 1927
330 Brookline Ave.

FINESINGER, A. L., a. *Psychiat.*
296 Beacon

Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.

Finley, K. H., *W.M.* 1934; r.p. *N.* 1936 450 Sutter, San Francisco, Calif.

Firminger, H. I., sr.r.p. *Path.* 1947
National Cancer Inst., Bethesda, Md.

Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932
Lahey Clinic

FISHER, C. M., assoc. n. M. G. H.

Fisher, Mary S., *M.* 1949
Philadelphia Vet. Adm. Hosp., Philadelphia, Pa.

Fishman, R. A., r.p. *N.* 1950
Neurological Inst., Presbyterian Hosp., New York, N. Y.

Fitch, R. R., *W.M.* 1904
Northeast Harbor, Maine

Fite, E. H., *E.S.* 1926
204 N. 3rd, Muskogee, Okla.

Fitts, J. B., *Or.* 1917
923 W. Franklin, Richmond, Va.

FITZHUGH, G., p. 330 Dartmouth

Flagg, J. A., a.r.p. *An.* 1955
16 White Plains Rd., Trumbull, Conn.

Flanagan, N. B., a.r.p. *Psychiat.* 1940
270 Commonwealth Ave.

Flood, W. E., a.r.p. *D.* 1942
1106 Med. Arts Bldg., Fort Worth, Tex.

Flook, S. E., *Or.* 1940
137 N. Main, Dayton, Ohio

Floyd, C., *W.M.* 1904
246 Marlborough

FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947
377 Essex, Salem

Fogg, N. A., *W.S.* 1918
Rockland, Maine

FOLCH-PI, J., dir. *Sc. Res.* (*McL.*)
McLean Hosp., Waverley

Foldes, F. F., r.p. *An.* 1943
Mercy Hosp., Pittsburgh, Pa.

Foley, T. M., *Or.* 1915
1835 Eye, N. W., Washington, D. C.

Folsom, H. F., *W.M.* 1931
198 Union Ave., Framingham

FORBES, A., cons. *Neurophysiol.*
Biological Lab., Harvard Univ., Cambridge

FORBES, ANNE P., a.p. M. G. H.

Forbes, Vassilike A.-C., *C.M.*
M. G. H.

Ford, A. B., *M.* 1950; a.r.p. 1952
Benjamin Rose Hosp., Cleveland, Ohio

FORNSHELL, R. P., a.r.s. *Or.*
M. G. H.

FORRANT, HELEN, exec. a. (*S.N.* 1930) M. G. H.

Fort, F. L., *Or.* 1922
1022 Park, Jacksonville, Fla.

Fortune, C. W., *Or.* 1930
716 Sassafras, Erie, Pa.

FOSS, M. W., clin. assoc. *Dn.*
232 Main, Brockton

Foster, D. P., *E.M.* 1923
Henry Ford Hosp., Detroit, Mich.

FOSTER, F. D., a. dir. M. G. H.

FOSTER, G. S., a. *M.* (*M.* 1952); a.r.p. 1953 1101 Beacon, Brookline

Fowler, C. B., *Or.* 1929
10 Cooper, Santa Cruz, Calif.

Fowler, D. M., *E.S.* 1946
80 Mason Ter., Brookline

Frame, B., *M.* 1949; r.p. 1955
Henry Ford Hosp., Detroit, Mich.

Francis, L., a.r.p. *An.* 1950
202 Magnolia, Piedmont, Calif.

FRANK, T., a. *C.M.*; a.r.p. *C.M.* 1953
38 Alpine, Cambridge

Franseen, C. C., *W.S.* 1932
1180 Beacon, Brookline

Franseen, E. F., j.r.s. *Or.* 1947
146 Chestnut, Springfield

Franz, E. M., a.r.s. *Or.* 1948
85 Grant, Denver, Colo.

FRAZEE, J. R., assoc. s. *Otolar.*
1180 Beacon, Brookline

FRAZIER, C. N., c. *D.* M. G. H.

Frazier, H. S., *M.* 1954; a.r.p. 1955 H. M. S.

FREEDBERG, A. P., clin. assoc. *D.*
360 Essex, Salem

Freedman, H. J., *C.M.* 1928
483 Beacon

Freeman, D. W., *C.M.* 1935
112 N. Burnett Ave., Denison, Tex.

Freeman, G. M., *Dn.* 1946
27 Appleton Pl., Upper Montclair, N. J.

Freeman, N. E., r.s. *W.S.* 1935
490 Post, San Francisco, Calif.

Freeman, W. T., *C.M.* 1922
Biltmore, N. C.

Freiberg, J. A., *Or.* 1926
2939 Vernon Pl., Cincinnati, Ohio

FREINKEL, RUTH K., a.r.p. *D.*
M. G. H.

FREMONT-SMITH, M., *Bd. of Cons.*
12 Hereford

FRENCH, ELIZABETH G., a. *C.M.*
10 Farwell Pl., Cambridge

FREYMANN, J. G., a. *M.* (*M.* 1947); a.r.p. 1951 M. G. H.

Frick, Adelaide H. C., a.r.p. *C.M.* 1946 Roslyn, Long Island, N. Y.

FRIEDLICH, A. L., a.p. (*M.* 1943); r.p. 1948 M. G. H.

Friedman, C. F., *C.M.* 1923
700 Ocean Ave., Brooklyn, N. Y.

Friedman, L. J., *M.* M. G. H.

Fritz, W. F., *M.* 1950; a.r.p. 1951
National Heart Inst., USPHS Hosp., Baltimore, Md.

FROMER, J. L., clin. assoc. *D.*
Lahey Clinic

Frost, Harold M., *W.S.* 1915
501 Boylston

Frost, Horace B., *E.S.* 1897
1035 Washington Blvd., Oak Park, Ill.

Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave., Washington, D. C.

Fuchs, P., *W.S.* 1942
3a Ave. 7-34,
Guatemala City, Guatemala
Fuldner, R. V., *Or.* 1939
178 Sherman Ave.,
New Haven, Conn.
Fuller, Henry, *W.M.* 1929
210 Hibriten Way,
Lakeland, Fla.
Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health
Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway
Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.
GABUZDA, T. G., a.r.p. (*M.* 1956)
M. G. H.
Gall, E. A., r.p. *Path.* 1937
Cincinnati Gen. Hosp.,
Cincinnati, Ohio
Gamble, C. J., *W.M.* 1922
255 Adams, Milton
Gamble, J. L., *W.M.* 1912
Children's Med. Center
Gammon, W. M., *C.M.* 1932
621 Lawrence Ave.,
Bristol, Va.-Tenn.
Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private
Hosp., Johannesburg, South Africa
GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence
Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.
GANZ, R. N., assoc. p. *C.M.* (*C.M.*
1925) 262 Beacon
GARCELON, G. G., clin. assoc. *S.*
483 Beacon
GARDELLA, J. W., a. *M.* (*M.* 1945);
a.r.p. 1946 M. G. H.
Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp.,
Toronto, Canada
Gardner, G. E., *C.M.* 1938; r.p. *C.M.*
1939 7 Trapelo Rd., Belmont
Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.*
1947 Coll. of Med.,
State Univ. of N. Y., Syracuse, N. Y.
GARLAND, J., *Bd. of Cons.* (*C.M.*
1919 and *E.M.* 1921)
8 The Fenway
Garran, F. W., Jr., *S.* 1951; a.r.s. 1955
Barnstable
Garrett, J. W. D., *An.* 1940; r.p. *An.*
1941 43 Harwood Rd., E. Natick
GARREY, W. E., clin. assoc. *S.* (*E.S.*
1933); r.s. 1936
1180 Beacon, Brookline
Garrigues, H. B., *W.S.* 1939; a.r.s.
W.S. 1940 509 Olive Way,
Seattle, Wash.
Garrity, R. W., sr.r.s. *N.S.* 1950
U. S. Naval Hosp.,
San Diego, Calif.
GASTEIGER, E. L., Jr., res. assoc.
N.S. M. G. H.
GASTON, L. W., r.p. (*M.* 1954)
M. G. H.
GATELY, G. L., clin. assoc. *C.M.*
624 Bennington, E. Boston
Gates, P. H., r.p. *Psychiat.* (*McL.*)
1942 4 Walnut Ave., Cambridge
GAULD, A. G., assoc. obst. (*E.S.*
1934) 1180 Beacon, Brookline
Gaunt, F. P., *W.S.* 1913
13-A N. Gore Ave.,
Webster Groves, Mo.
Gay, L. N., *E.M.* 1918
1114 St. Paul, Baltimore, Md.
Gens, J. P., r.s. *U.* 1943
64 Wall, Norwalk, Conn.
Gentry, R. W., *E.S.* 1943
65 N. Madison Ave.,
Pasadena, Calif.
George, H. L., Jr., *C.M.* 1929; r.p.
C.M. 1930 205 Trust Co. Bldg.,
Watertown, N. Y.
GEPHART, F. T., a.s. (*W.S.* 1942);
r.s. 1948 205 Beacon
GERGELY, J., assoc. biochem. *M.*
M. G. H.
Gevalt, F. C., Jr., a.r.p. 1943
Sharon Clinic, Sharon, Conn.
GIBERTI, FLORENCE, exec. a. *B.M.*
(*S.N.* 1929) M. G. H.
Gibson, G. C., *W.S.* 1944
Robinson Memorial Hosp.,
Ravenna, Ohio
Gibson, J. G., a.r.p. *Psychiat.* 1951
Maudsley Hosp.,
London S.E., England
Gibson, L. E., r.s. *U.* 1926
713 E. Genesee, Syracuse, N. Y.
Giddings, W. P., *W.S.* 1939; r.s. 1946
528 Main, Bennington, Vt.
Gilbert, A. C., h.s. *U.* 1923
Vet. Hosp., Walla Walla,
Wash.
GILES, R. B., Jr., a.r.p. M. G. H.
GILL, B. F., a. *Psychiat.*
455 Marlborough
GILLESPIE, L., a. obst.
1180 Beacon, Brookline
Gillies, A. J., a.r.p. *An.* 1952
Strong Memorial Hosp.,
Rochester, N. Y.

Ginandes, S. C., *C.M.* 1952
37 Mellen, Cambridge

Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934
920 S. Jefferson, Roanoke, Va.

Glendy, R. E., a.r.p. 1934
920 S. Jefferson, Roanoke, Va.

Glenn, W. W. L., a.r.s. 1946
749 Millbrook Lane, Haverford, Pa.

GLICKLICH, E. A., a.d.
403 Commonwealth Ave.

GLIMCHER, M. J., sr.r.s. *Or.;* a.r.s. 1953 M. G. H.

GLOTZER, D. J., a.r.s. (*S.* 1953) M. G. H.

Glover, D. M., *W.S.* 1922
St. Luke's Hosp., Cleveland, Ohio

Godley, Anne F., *M.* 1949; a.r.p. 1950
499 Mount Auburn, Cambridge

Goeringer, C. F., *Or.* 1940
209 S. 63rd, Philadelphia, Pa.

GOETHALS, T. R., *Bd. of Cons.* (*E.S.* 1917); h.s. *E.S.* 1919
319 Longwood Ave.

Goettsch, Elvira, *C.M.* 1931
4140 Ambrose Ave., Los Angeles, Calif.

Goetz, F. C., *M.* 1947; c.r.p. 1954
Univ. of Minnesota Hosp., Minneapolis, Minn.

Goldblatt, M. E., *E.M.* 1926
975 Park Ave., New York, N. Y.

Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936 1415 Delachaise, New Orleans, La.

Golden, R., h.p. *R.* 1921
622 W. 168th, New York, N. Y.

GOLDEN, T. S., clin. assoc. *C.M.*
52 Lincoln, Framingham

Goldsmith, L. H., *C.M.* 1923
365 Cloverhurst Ave., Atlanta, Ga.

Goldthwait, Joel C., a.r.p. *Path.* 1948
Vet. Adm. Hosp., W. Roxbury

GOLDTHWAIT, JOEL E., hon. s.
372 Marlborough

Goodale, F., Jr., a.r.p. *Path.* 1954 M. G. H.

Goodale, J. L., *W.M.* 1893 Ipswich

GOODALL, E. B., a. *Oph.*
328 Washington, Wellesley Hills

Gordon, A. M., *C.M.* 1929
405 6th Ave., Des Moines, Iowa

Gordon, E. S., *Path.* 1935
1300 University Ave., Madison, Wis.

GORDON, J. E., cons. *Prev. M.*
Harvard Sch. of Public Health

Gordon, P. S., *Dn.* 1955
277 Williams, W. Haven, Conn.

Gore, C. P., a.r.p. *Psychiat.* 1952
1 Grosvenor Ct., Grosvenor Hill, Wimbledon, London S. W., England

Gorman, Rosemary V., a.r.p. 1945
626 Westminster Ave., Elizabeth, N. J.

Gottschalk, C. W., *M.* 1946; r.p. 1952
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

GOVE, B. J., a.dn.s.
508 Commonwealth Ave.

Graeser, J. B., *W.M.* 1929
298 Grand Ave., Oakland, Calif.

Graham, C. P., *E.S.* 1935 and *N.S.* 1936
21 N. Front, Wilmington, N. C.

GRAHAM, JOHN B., a.s. M. G. H.

GRAHAM, JOHN R., clin. assoc. *M.* (*W.M.* 1936)
Faulkner Hosp., Jamaica Plain

GRAHAM, RUTH M., clin. cytologist M. G. H.

Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell

GRANT, L. H., a.r.p. M. G. H.

GRANT, W. M., a.s. *Oph.*
Mass. E. & E. Inf.

GRAY, B. C., a. *D.* 416 Marlborough

GRAY, F. C., *Chairman of Trustees* and *Vice-President of the Corporation* 10 P. O. Sq.

Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.

Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline

GREEN, T. H., Jr., a. *S.* (*W.S.* 1947); r.s. 1953 226 Marlborough

Greene, D. C., Jr., *C.M.* 1940
263 South Ave., Weston

Greene, G. S., a.r.s. *Or.* 1948
179 Allyn, Hartford, Conn.

GREENE, J. E., a.p.
23 Bay State Rd.

Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.

Greene, Richard W., *M.* 1945 H. M. S.

Greene, Robert G., a.r.s. *Or.* 1953
Children's Med. Center

Greenhill, M. H., r.p. *Psychiat.* 1939
Psychiatric Inst., University Hosp., Baltimore, Md.

Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.
Gregg, A., *W.M.* 1917
49 W. 49th, New York, N. Y.
GREGG, W. I., a.s. (*W.S.* 1935)
1269 Beacon, Brookline
Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.
GREGORY, J. D., assoc. biochem. *Res. Chem.* M. G. H.
Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada
Grice, D. S., *Or.* 1943
Children's Med. Center
Grier, R. S., *E.M.* 1942; a.r.p. 1943
4925 Trinity Dr., Los Alamos, N. M.
GRIESEMER, R. D., a.d.; sr.r.p. *D.* 1949 M. G. H.
Griggs, J. B., *C.M.* 1929
576 Farmington Ave., Hartford, Conn.
GRILLO, H. C., a. *S.* (*S.* 1948); r.s. 1955 M. G. H.
GROGAN, R. H., a.obst.
1101 Beacon, Brookline
GROSS, J., assoc. biol. *M.* M. G. H.
GROVE-RASMUSSEN, M., dir. of *Blood Bank* M. G. H.
Groves, L. K., *W.S.* 1947
Cleveland Clinic Foundation, 2020 E. 93rd, Cleveland, Ohio
Guardo, J. L., *N.S.* 1930; a.r.s. *N.S.* 1931 5 Aldwin Rd., Jamaica Plain
GUILD, H. R., *Trustee* and *Treasurer of the Corporation* 294 Washington
Guller, E. I., *C.M.* 1924
245 Alexander, Rochester, N. Y.
Gundersen, A. Erik, *S.* M. G. H.
Gundersen, Adolph L., *S.* 1950; a.r.s. 1955 218 S. 14th, La Crosse, Wis.
Gundersen, Sigurd B., Jr., *S.* 1949; a.r.s. 1954 218 S. 14th, La Crosse, Wis.
Gundersen, Sven M., *E.M.* 1931
Hitchcock Clinic, Hanover, N. H.
Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.
GUNDERSEN, TRYGVE, s. *Oph.*
101 Bay State Rd.
GURALNICK, W. C., dn. s.
29 Commonwealth Ave.
Guyton, A. C., *W.S.* 1943; a.r.s. 1946
Box 153, Route 7, Jackson, Miss.
Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.
Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.
HAIRE, P. G., a.s. *Oph.*
6 Pleasant, Malden
Hale, C. H., sr. r.p. *R.* 1943
120 E. Washington, Syracuse, N. Y.
HALEY, WALLACE F., Jr., a. *Psychiat.* 520 Commonwealth Ave.
HALEY, WARREN D., a. *Oph.*
78 Church, Winchester; 1180 Beacon, Brookline
Hall, B., *M.* 1946
1819 W. Polk, Chicago, Ill.
Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline
Hall, M. G., *Path.* 1934 Danvers
Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.
Hall, T. C., a.r.p. 1954 M. G. H.
HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon
Hallenbeck, D. F., Jr., r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951 McLean Hosp., Waverley
HALLOWELL, P., a. *An.;* a.r.p. *An.* 1955 M. G. H.
Halsted, J. A., *W.M.* 1932
Vet. Adm. Hosp., Syracuse, N. Y.
Hamilton, Harold H., r.s. *P.H.* 1933
70 Court, Plymouth
Hamilton, Howard B., *C.M.* 1945
350 Henry, Brooklyn, N. Y.
Hamilton, R. DeL., *E.M.* 1904
223 High, Newburyport
HAMLIN, E., Jr., assoc.v.s. (*W.S.* 1936); r.s. *W.S.* 1939 264 Beacon
HAMLIN, H., clin. assoc. *N.S.;* r.s. *N.S.* 1942
270 Benefit, Providence, R. I.
Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914
112 E. 74th, New York, N. Y.
Hammond, W., *Path.* 1929
36 Crane Rd., Scarsdale, N. Y.
Hand, D. W., *Or.* 1934
450 Sutter, San Francisco, Calif.
HANELIN, J., assoc.r.; r. (*McL.*) M. G. H.
Hanflig, S. S., *Or.* 1931
371 Commonwealth Ave.
Hanser, T. H., *E.M.* 1924
3701 Grandel Sq., St. Louis, Mo.
HAPP, L. C., a. *Oph.*
170 Waterman, Providence, R. I.
Haralambie, J. Q., *C.M.* 1936
Larchmont, N. Y.
Harder, H. J., a.r.p. *An.* 1952
Virchow Hosp., W. Berlin N65, Germany

HARDY, HARRIET L., assoc. p. M. G. H.

HARDY, I. B., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942
94 Russell, Waltham

HARE, A. P., assoc. sociol. *Psychiat.* M. G. H.

HARPER, R. S., a.r.p. *Path.* M. G. H.

Harral, P., *Or.* 1936
450 Sutter, San Francisco, Calif.

Harris, H. P., Jr., *N.S.* 1936
1432 Post Rd., Fairfield, Conn.

Harris, W. R., a.r.s. *Or.* 1952
170 St. George, Toronto, Canada

Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929
255 Bradley, New Haven, Conn.

Harrison, M. B., *E.M.* 1938
104 Funston Ave., San Francisco, Calif.

Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf

Harter, J. S., *W.S.* 1935
212 Brown Bldg., Louisville, Ky.

Harting, D., *C.M.* 1947
1625 Northern Pkwy., Baltimore, Md.

Hartwell, J. B., *W.S.* 1905
23 E. Pikes Peak Ave., Colorado Springs, Colo.

Hartwig, A. R., a.r.s. *Or.* 1948
490 Post, San Francisco, Calif.

Harty, J. E., r.p. *Psychiat.* (*McL.*) 1939 135 Main, Waterbury, Conn.

Harvey, R. B., *M.* 1946
Naval Air Base, Floyd Bennett Field, Brooklyn, N. Y.

HARWOOD, R., assoc. p. (*W.M.* 1936) 266 Beacon

Haswell, H. P., a.r.p. *An.* 1949
1403 E. Seneca, Tucson, Ariz.

Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.* 1917 699 E. South Temple, Salt Lake City, Utah

HATCH, FRANCIS W., *Trustee*
462 Boylston

Hathaway, J. S., r.p. *E.M.* 1932
109 College, New Haven, Conn.

Haut, A., *M.* 1950; r.p. 1953
Salt Lake County Gen. Hosp., Salt Lake City, Utah

Havemeyer, W. F., a.r.s. 1948
Box 308, Willcox, Ariz.

HAVEN, G. W., a.dn.s.; dn.s. (*McL.*)
29 Bay State Rd.

Hawes, C. H., *W.S.* 1931
151 Rock, Fall River

Hawes, L. E., *E.M.* 1939 and *C.M.* 1940; a.r.p. *R.* 1942
Faulkner Hosp., Jamaica Plain

Hawkes, R. S., *W.M.* 1933
47 Deering, Portland, Maine

Hawkins, R., r.s. *N.S.* 1948
571 Hamilton Ave., Palo Alto, Calif.

HAYCOX, J. A., a. psychiat. (*McL.*)
McLean Hosp., Waverley

HAYDEN, E. P., *Bd. of Cons.*; h.s. *E.S.* 1923 270 Commonwealth Ave.

Hayden, J. W., a.r.s. *Or.* 1955
Children's Med. Center

Hayes, D. R., *E.S.* 1939
281 State, Springfield

HAYNES, RUTH C., a. *An.*; a.r.p. *An.* 1955 M. G. H.

HAYNES, W. M., Jr., a.r.s. (*S.* 1952) M. G. H.

HEAD, J. M., a.r.s. (*S.* 1951) M. G. H.

Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge

Heath, P., Jr., a.r.p. 1954
22 White, Rockland, Maine

Heath, R. D., a.r.s. *Or.* 1950
30 W. Bells Mill Rd., Chestnut Hill, Philadelphia, Pa.

HEBERTSON, W. M., r.p. *N.* M. G. H.

Hedberg, S. E., *S.* M. G. H.

Heffron, R., *E.M.* 1931
The Commonwealth Fund, 1 E. 75th, New York, N. Y.

Heggie, J. F., *M.* M. G. H.

HELMAN, M. E., a.d.
375 Commonwealth Ave.

Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn.

Hendren, W. H., III, *S.* 1953; a.r.s. 1954 Children's Med. Center

Hendrick, I., r.p. *Psychiat.* (*McL.*) 1932 205 Beacon

Henley, T. F., *C.M.* 1939
116 Lockland Ave., Winston-Salem, N. C.

HENNEMAN, P. H., a. *M.* M. G. H.

Henry, M. O., *Or.* 1922
825 Nicollet Ave., Minneapolis, Minn.

Hepburn, J. P., a.r.p. *An.* 1953
Milton Hosp., Milton

Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.

HERM, R. J., a. *Oph.*
314 Main, Melrose

HERMANN, G., a.r.s. (*S.* 1955)
M. G. H.

Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc.,
Guatemala City, Guatemala

Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.

Hershey, F. B., *E.S.* 1947; r.s. 1952
Washington Univ. Sch. of Med.,
St. Louis, Mo.

HESS, HELEN H., a.n.p. (*McL.*)
McLean Hosp., Waverley

Heusner, A. P., *E.S.* 1939; a.r.s. 1942 and r.s. *N.S.* 1943
647 Pleasant, Weymouth

Heyl, H. L., r.s. *N.S.* 1940
Hitchcock Foundation,
Hanover, N. H.

Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.

Hiden, R. B., *W.M.* 1925
Silver Hill Foundation,
New Canaan, Conn.

HIEBERT, C. A., a.r.s. (*S.* 1952)
M. G. H.

Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.

Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.

Higgins, R. B., a.r.s. *U.* 1951
148 Shelbourne Towers,
Knoxville, Tenn.

HILL, J. M., a. *Oph.*
108 Bay State Rd.

Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro

Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.

Hill, N. P., *M.* 1946; a.r.p. 1946
Truesdale Hosp., Fall River

HILL, W. R., Jr., a.d.
520 Commonwealth Ave.

Hills, H. M., Jr., *Or.* 1942
524 Med. Arts Bldg.,
Charleston, W. Va.

Hills, O. W., *M.* 1943
111 St. Matthews Ave.,
San Mateo, Calif.

HINDMAN, D. H., a. obst.
1093 Beacon, Brookline

Hinshaw, A. J., *E.S.* 1947
701 Goodhue Bldg.,
Beaumont, Tex.

HIONIDES, C., a. an. (*E.* & *E.*)
Mass. E. & E. Inf.

HIRSCH, L. S., a. *Otolar.*
42 Lincoln, Framingham

HIRSCH, O., cons. *N.S.*
186 Commonwealth Ave.

Hitchcock, J., *W.M.* 1921
39 Main, Concord

HOAGLAND, M. B., a. to gen. dir. *Res. and Ed.;* assoc. biochem. *M.*
M. G. H.

Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.

Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931 209 N. Main, Dayton, Ohio

Hodges, T. W., *Or.* 1941
Yates Clinic, 1801 K, N. W.,
Washington, D. C.

HODGSON, J. S., *Bd. of Cons.* (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920 262 Beacon

Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923 319 Longwood Ave.

Hoffman, H. A., r.s. *U.* 1946
60 8th, New Bedford

Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951
156 Broadway, Pawtucket, R. I.

Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934 425 E. Wisconsin Ave.,
Milwaukee, Wis.

HOLDER, R., a. *Psychiat.* (*M.* 1945); r.p. *Psychiat.* 1946
274 Commonwealth Ave.

Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover

HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947
1180 Beacon, Brookline

Hollings, C. B., *W.S.* 1908
John Hancock Mut. Life Ins. Co.

HOLMES, E. M., s. *Otolar.*
330 Dartmouth

HOLMES, G. W., hon. p.
Little River Hill, Belfast, Maine

HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938)
94 Russell, Waltham

Holmes, R. B., r.p. *R.* 1950
Toronto Gen. Hosp.,
Toronto, Canada

Holmes, S. G., *C.M.* 1943
1606 E. La Rua, Pensacola, Fla.

Holt, C. L., *N.S.* 1938
29 Deering, Portland, Maine

Holt, W. L., Jr., r.p. *N.* 1937
Westboro State Hosp., Westboro

HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 205 Beacon

HOMANS, MRS. ROBERT, *Trustee* 280 Beacon

Hoodless, E. C., a.r.s. *Or.* 1952 612 View, Victoria, British Columbia, Canada

Hopkins, C. E., a.r.p. *C.M.* 1948 Johns Hopkins Hosp., Baltimore, Md.

Hopkins, F. S., *E.S.* 1919 146 Chestnut, Springfield

Hopkins, R. W., *S.* 1948; a.r.s. 1954 Pennsylvania Hosp., Philadelphia, Pa.

Hopkins, S. W., *E.S.* 1936 28 Orne, Marblehead

Hormell, R. S., *Or.* 1942 1180 Beacon, Brookline

Horn, C. E., *Or.* 1940; r.s. *Or.* 1942 2901 Capitol Ave., Sacramento, Calif.

Horrax, G., h.s. *W.S.* 1917 605 Commonwealth Ave.

Horwitz, W. H., r.p. *Psychiat.* (*McL.*) 1951 82 Marlborough

Howard, F. H., *C.M.* 1949; a.r.p. *C.M.* 1950 140 W. Spruce, Sault Ste. Marie, Mich.

Howard, H. H., *W.S.* 1914 1 Fishers Lane, Delray Beach, Fla.

Howard, J. E., *W.M.* 1930 Johns Hopkins Hosp., Baltimore, Md.

HOWARD, P. M., a.c. *Psychiat.* (*McL.*); *psychiat.*; r.p. *Psychiat.* 1937; r.p. *Psychiat.* (*McL.*) 1939 McLean Hosp., Waverley

HOWE, HENRY D., a.dn.s. (*Dn.* 1945) 196 Marlborough

Howe, Henry F., r.s. *P.H.* 1934 11 N. Main, Cohasset

Howland, J. B., *W.S.* 1897 657 Main, Hingham

Hoyt, W. F., *W.S.* 1932; r.s. *W.S.* 1934 38 School, Springfield

Hubbard, E., Jr., *W.M.* 1921 29 Highland, Cambridge

Huber, W. M., r.p. *D.* 1937 Vanderbilt Clinic, Presbyterian Med. Center, New York, N. Y.

Hugenberger, P. W., *Path.* 1931 and *Or.* 1935; r.p. *Path.* 1932 234 Marlborough

HUGGARD, MIRIAM, exec. a. *P.H.* (*S.N.* 1931) M. G. H.

Huggins, C. E., *S.* 1953; a.r.s. 1954 Naval Med. Res. Inst., National Naval Med. Center, Bethesda, Md.

Hughes, H. C., *Or.* 1937 203 Metropolitan Bldg., Denver, Colo.

Hügin, W., a.r.p. *An.* 1948 Chir Klink im Burgerspital, Basel, Switzerland

Hummel, L. E., *Path.* 1932 135 Linwood Ave., Buffalo, N. Y.

Humphreys, S. P., *Or.* 1936; a.r.s. *N.S.* 1937 264 Beacon

Hunt, S. P., a.r.p. *Psychiat.* 1940 R. D. #3, Bethesda, Md.

Hunter, R. W., a.r.p. *N.* 1939 Hitchcock Clinic, Hanover, N. H.

HUNTINGTON, B. L., a.p. (*W.M.* 1940) John Hancock Mut. Life Ins. Co.

Huntington, J. L., *S.S.* 1908 River Dr., Hadley

HÜPPE, J. R., r.p. *R.* M. G. H.

HURWITZ, J. J., a. *U.* 636 Beacon

Hurxthal, L. M., *W.M.* 1925; r.p. *E.M.* 1927 605 Commonwealth Ave.

HUSSEY, MARGARET B., a. *D.* 59 Coddington, Quincy

Huston, L. L., *Or.* 1937 67 Converse, Longmeadow

Hyatt, G. T., *W.S.* 1931 and *Or.* 1934 412 S. E. 4th, Evansville, Ind.

Ibsen, B., a.r.p. *An.* 1950 Solotorvet 84, Copenhagen K, Denmark

Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937 6367 Wilshire Blvd., Los Angeles, Calif.

Ingalls, T. H., r.p. *C.M.* 1938 St. Mark's Sch., Southboro

INGERSOLL, F. M., assoc. v.s. (*W.S.* 1939); a.r.s. 1942 226 Marlborough

Irving, F. C., *W.S.* 1911 2 N. Pine Circle, Belleair, Clearwater, Fla.

IRWIN, J. W., a. *M.* M. G. H.

Isaacs, J. P., a.r.p. *An.* 1952 Harvard Sch. of Public Health

Isselbacher, K. J., *M.* 1950; r.p. 1953 National Inst. of Health, Bethesda, Md.

Ives, L. M., r.p. *Psychiat.* (*McL.*) 1933 45 Clapboardtree, Westwood

Jackson, A. M., *W.S.* 1917
512 Broadway, Everett

JACKSON, B. B., a.r.s. (*S.* 1953)
M. G. H.

Jackson, G. H., Jr., *Or.* 1919
855 Hinman Ave., Evanston, Ill.

Jackson, H., Jr., *E.M.* 1919
Boston City Hosp.

JACOBSON, B. M., assoc. p.
422 Beacon

James, G. W., III, *M.* 1944
2809 Grove Ave., Richmond, Va.

James, W. J., r.s. *N. S.* 1949
U. S. Naval Hosp., Chelsea

Javid, M., r.s. *N.S.* 1952
Univ. of Wisconsin Hosp.,
Madison, Wis.

JEANLOZ, R. W., assoc. biochem. *M.*
M. G. H.

Jefferies, W. McK., *E.M.* 1942
Lakeside Hosp., Cleveland, Ohio

Jenkins, M. T., a.r.p. *An.* 1948
Parkland Hosp., Dallas, Tex.

Jergesen, F. H., *Or.* 1942
384 Post, San Francisco, Calif.

Jessner, Lucie, r.p. *Psychiat.* (*McL.*)
1939 Univ. of North Carolina,
Chapel Hill, N. C.

Jobe, M. C., *C.M.* 1924
227 16th, Denver, Colo.

JOHNSON, C. C., a.s. *Oph.*
5 Bay State Rd.

Johnson, F. G., *Dn.* 1943
26 Washington, Eastport, Maine

Johnson, Louis F., a.r.p. *An.* 1954
7 Hillside Ct., Gloucester

Johnson, Louis G., *Path.* 1940 and
E.M. 1942; a.r.p. 1942
3418 Stanley, Montreal, Canada

Johnson, N. P., *E.M.* 1925
65 S. 10th, Minneapolis, Minn.

Johnson, O. R., r.p. *D.* 1931
18 Deering, Portland, Maine

Johnson, P. R., *Path.* 1936
678 Farmington Ave.,
W. Hartford, Conn.

JOHNSON, SALLY, dir. emeritus
S.N. and *Nurs. Serv.* (*S.N.* 1910)
2 Brimmer

Johnson, V. S., sr. r.s. *Or.* 1955
27 Elm, Worcester

Johnston, E. V., *W.S.* 1947
Waterloo Savings Bank Bldg.,
Waterloo, Iowa

Jones, B. B., *E.M.* 1918 and *C.M.* 1919
2013 Monument Ave.,
Richmond, Va.

JONES, C. M., cons. v.p. (*E.M.* 1919);
h.p. *E.M.* 1921 M. G. H.

Jones, F. S., *Or.* 1932
179 Allyn, Hartford, Conn.

Jones, G. E., *E.S.* 1939; a.r.s. 1942
520 Security Bldg., Olympia, Wash.

JONES, H. W., Jr., a. *M.*
330 Dartmouth

JONES, MARY E., assoc. biochem.
Res. Chem. M. G. H.

Jones, S. G., *W.S.* 1923
270 Commonwealth Ave.

Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.

Jones, William Nicholas, a.r.s. *Or.*
1954 35 Huntington,
New London, Conn.

JONES, WILLIAM NORMAN, a. *Or.*
(*Or.* 1947) 266 Beacon

JOPLIN, R. J., a.s. *Or.* (*Path.* 1929
and *Or.* 1933)
1180 Beacon, Brookline

Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.

Joseph, A. T., *Dn.* 1941
475 Commonwealth Ave.

Joslin, E. P., *W.M.* 1895
81 Bay State Rd.

JOYCE, JOSEPHINE, exec. a. (*R.N.*)
M. G. H.

Judd, A. B., *S.* 1955
3303 Menlo Ave., Cincinnati, Ohio

Judd, J. M., *E.S.* 1944; j.r.s. *E.S.*
1945; r.s. *N.S.* 1946
Murray Hill, Mount Morris, N. Y.

Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio

JUSTI, R. A., r.p. *Path.* M. G. H.

KAHANA, EDA M., r.p. *Psychiat.*
(*McL.*) McLean Hosp., Waverley

Kahn, D. S., r.p. *Path.* 1950
St. Mary's Hosp., Montreal, Canada

KAHNE, M. J., psychiat. (*McL.*)
McLean Hosp., Waverley

Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.

KANE, L. W., a. *M.* (*W.M.* 1941)
205 Beacon

KAPLAN, S., a. psychiat.
38 Hyde, Newton Highlands

Karamanoukian, E., a.r.p. *D.* 1955
En face du Cine Diana,
Aleppo, Syria

Katz, S. L., a.r.p. *C.M.* 1955
Children's Med. Center

Kaufman, M. R., r.p. *Psychiat.* (*McL.*)
1933 253 Marsh, Belmont

Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester

KAZANJIAN, JOAN, r.p. *C.M.*
M. G. H.

KAZANJIAN, K. A., a.s. *Otolar.;* r.p. *D.* 1933
475 Commonwealth Ave.

KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.

Kearsley, R. B., *C.M.* 1954; c.r.p. *C.M.* 1956 M. G. H.

Keats, A. S., a.r.p. *An.* 1951
Jefferson Davis Hosp., Houston, Tex.

Keeley, J. K., *N.S.* 1937; r.s. *P.H.* 1938 103 S. Hamilton, Poughkeepsie, N. Y.

KEEVIL, C. S., Jr., a.r.p. (*M.* 1956)
M. G. H.

Keiser, R. P., *Or.* 1942
Coral Gables Clinic, Coral Gables, Fla.

KELEMEN, G., res. assoc. *Otolar.*
20 Gloucester

KELLER, ELIZABETH B., a. biochem. *M.* M. G. H.

KELLER, J. W., a. *M.* 330 Dartmouth

KELLEY, RITA M., a. *M.* (*M.* 1947); r.p. 1949 264 Beacon

KELLEY, S. B., v.u. (*E.S.* 1931); r.s. *U.* 1933 412 Beacon

KELLEY, V. J., s. *Otolar.*
520 Commonwealth Ave.

KELLY, J. F., podiatrist *Or.*
924 Statler Office Bldg.

Kendrick, J. I., *Or.* 1933
2020 E. 93rd, Cleveland, Ohio

Kennard, H. E., *W.S.* 1934
1180 Beacon, Brookline

Kennedy, B. Hughes, *C.M.* 1921
2940 Clairmont Ave., Birmingham, Ala.

Kennedy, Byrl J., *M.* 1946; r.p. 1952
Univ. of Minnesota Hosp., Minneapolis, Minn.

Kennedy, J. H., *S.* 1950; a.r.s. 1955
850 Prospect, La Jolla, Calif.

Kennedy, R. P., *Thd. S.* 1924
1 Knollwood Dr., Rochester, N. Y.

KENT, C., a.s. *Otolar.*
270 Commonwealth Ave.

Kernan, R. D., *Path.* 1945
98 Adams, Milton

KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949
264 Beacon

Kerr, William J., *W.M.* 1916
Maple Creek Rd., Korbel, Humboldt County, Calif.

KERRIGAN, G. A., a.p. *C.M.* (*C.M.* 1950); c.r.p. *C.M.* 1952 M. G. H.

Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939
7 Trapelo Rd., Belmont

KETCHUM, P., *Trustee* and *President of the Corporation* 294 Washington

KETCHUM, W. F., clin. assoc. *C.M.* (*C.M.* 1948)
New Eng. Mut. Life Ins. Co.

Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931 Norwich State Hosp., Norwich, Conn.

KEUPER, C. S., a. *D.;* r.p. *D.* 1951
270 Commonwealth Ave.

Key, J. A., *Or.* 1921
4952 Maryland Ave., St. Louis, Mo.

Key, W. A., *Or.* 1927
23 2nd Ave., San Mateo, Calif.

Keyes, G. H., *M.* 1947
Ogden Clinic, Ogden, Utah

Kiely, B., *M.* 1952
Johns Hopkins Hosp., Baltimore, Md.

Kilfoyle, R. M., a.r.s. *Or.* 1951
84 Olney, Dorchester

Kilgore, A. R., *W.M.* 1914
490 Post, San Francisco, Calif.

Kimberly, C. H., r.p. *N.* 1929
Stockbridge

KIMURA, K. K., a.r.p. *C.M.* (*C.M.* 1955) M. G. H.

Kind, H. A., *C.M.* 1935
Tilton Gen. Hosp., Fort Dix, N. J.

KING, D. S., *Bd. of Cons.* (*E.M.* 1920) Hitchcock Clinic, Hanover, N. H.

King, W. B., Jr., a.r.p. *Path.* 1956
M. G. H.

Kingman, L. C., *W.S.* 1905
76 Waterman, Providence, R. I.

Kinney, R. J., a.r.p. 1943
Route 3, N. Topeka, Kan.

Kinnicutt, R., *E.M.* 1908
72 Cedar, Worcester

Kinsey-Loring, Dera, a.r.p. 1939
203 Commonwealth Ave.

KIRKWOOD, S. B., assoc. obst. (*W.S.* 1934) 1180 Beacon, Brookline

KITE, O. W., dn.s. (*Dn.* 1951)
29 Bay State Rd.

Kitts, A. W., r.p. *C.M.* 1941
221½ Camden Ave., Salisbury, Md.
KJELLBERG, R. N., a.r.s. *N.S.* M. G. H.
Klaus, Hanna, a.r.p. *Path.* 1953
Barnes Hosp., St. Louis, Mo.
KLEAVELAND, R. N., a.r.s. (*S.* 1952) M. G. H.
KLEIN, D. C., assoc. psychol.
309 Washington, Wellesley Hills
KLINGENSMITH, W. E., a.r.s. (*S.* 1955) M. G. H.
Knapp, M. R., a.r.p. *An.* 1955
135 North Bluff, Wichita, Kan.
Knapp, P. H., a.r.p. *Psychiat.* 1947
Boston Univ. Sch. of Med.
Knapp, R. G., Jr., *Dn.* 1950
16 Westland Ave.
Kneisel, J. J., *E.M.* 1940
1 Greenridge Ave.,
White Plains, N. Y.
KNOWLES, J. H., r.p. (*M.* 1952) M. G. H.
KOCH-WESER, J., a.r.p. (*M.* 1955) M. G. H.
Koppel, Elizabeth A., a.r.p. *An.* 1954
437 Cedar, N.W.,
Washington, D. C.
Kowalski, H. J., *M.* 1945; a.r.p. 1948 H. M. S.
Kozol, H. L., *E.M.* 1936
115 Bay State Rd.
Kramer, J. G., *C.M.* 1917
159 S. Main, Akron, Ohio
Krane, S. M., *M.* 1952; r.p. 1954 M. G. H.
KRANES, A., p. (*W.M.* 1932); c.r.p. 1935 330 Dartmouth
KRAUT, H. L., a.r.p. *D.* M. G. H.
Kravitz, A. R., *M.* 1955
Boston Psychopathic Hosp.
KRAYER, O., cons. *Pharm.* H. M. S.
Kreisle, J. E., *W.M.* 1943; r.p. 1947
2317 Longview Ave., Austin, Tex.
Kristjansson, H., a.r. *Or.* 1946
Welch Emergency Hosp.,
Welch, W. Va.
KRUMBHAAR, G. D., assoc. obst.
203 Commonwealth Ave.
KUBIK, C. S., *Bd. of Cons.*
330 Dartmouth
Kuhlman, E. G., *C.M.* 1925
Toronto, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948
256 Pearl, Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949
251 Powers,
New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926
372 Marlborough
KUKRAL, J. J., a.r.p. *An.* M. G. H.
Kulka, J. P., a.r.p. *Path.* 1947 H. M. S.
KUNZ, L. J., a.b. M. G. H.
KUWABARA, T., a. *Oph.* path.
Mass. E. & E. Inf.
Lacey, W. H., *W.S.* 1917
54 School, Keene, N. H.
Lake, M., *W.M.* 1924
1060 Park Ave., New York, N. Y.
Lambert, E. C., *E.M.* 1943
Children's Hosp., Buffalo, N. Y.
Lambert, J. T., *W.M.* 1942
c/o Dr. Adrian Lambert,
215 E. 72nd, New York, N. Y.
LAMDIN, SUSANNE J., a.r.p. *An.* (*C.M.* 1953) M. G. H.
LAMONT, J. H., a. psychiat.; sr.r.p. *Psychiat.* (*McL.*) 1951 M. G. H.
Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.
Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch.,
Nashville, Tenn.
Langer, G. A., *M.* 1955
195 W. Central Ave.,
Pearl River, N. Y.
Lanman, T. H., *E.S.* 1918
Children's Med. Center
Lansing, C., *C.M.* 1948; a.r.p. *C.M.* 1950 Univ. of North Carolina,
Chapel Hill, N. C.
Larkey, J., *W.S.* 1928
3115Webster, Oakland, Calif.
Laron, Z., r.p. *C.M.* 1955
Children's Hosp., Philadelphia, Pa.
LARSON, C. B., *Bd. of Cons.* (*Or.* 1938)
University Hosp., Iowa City, Iowa
LASSITER, W. E., a.r.p. (*M.* 1955) M. G. H.
Laster, L., *M.* 1950; r.p. 1953
National Inst. of Health,
Bethesda, Md.
LAWLOR, E. F., a.s. *Otolar.*
67 Vernon, Waltham
Lawrence, George H., *W.S.* 1947; a.r.s. 1952 Barnes Hosp.,
St. Louis, Mo.
LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.
LAWRENCE, JOHN E., *Trustee*
60 Batterymarch

Lawrence, John S., *W.M.* 1925
Med. Sch. of Univ. of California
South, Los Angeles, Calif.
Leach, C. A., Jr., a.r.p. *C.M.* 1951
11 Charles, Danvers
LEADBETTER, G. W., Jr., a.r.s. *U.*
M. G. H.
LEADBETTER, W. F., c. *U.* M. G. H.
LEAF, A., a.p. (*M.* 1944) M. G. H.
LEAHEY, B. D., s. *Oph.*
9 Central, Lowell
LeBARON, F. N., a. biochem. (*McL.*)
McLean Hosp., Waverley
Ledbetter, Betsy A., a.r.p. *An.* 1955
1513 Line Ave., Shreveport, La.
LeDONNE, J. E., a. *D.*; r.p. *D.* 1952
357 Essex, Salem
Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.
LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon
Leeper, R. W., r.p. *D.* 1950
Kaiser Foundation Hosp.,
Oakland, Calif.
LEES, MARJORIE B., a. biochem.
(*McL.*) McLean Hosp., Waverley
Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.
LEIDERMAN, P. H., r.p. *Psychiat.*
M. G. H.
LEIDHOLT, J. D., a. *Or.*; a.r.s. *Or.*
1952 234 Marlborough
Leigh, A. D., r.p. *Psychiat.* 1948
Maudsley Hosp., London S.E.,
England
LEIGHTON, H. T., a. obst.
319 Longwood Ave.
Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.
LEINBACH, T. C., a.r.s. *Or.*
M. G. H.
Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.
Lennox, W. G., *W.M.* 1915
Children's Med. Center
LENTINE, J., assoc. s. *Otolar.*
15 Bay State Rd.
LEPPER, EDNA S., assoc. dir. *Nurs. Serv.* (*S.N.* 1926) M. G. H.
LERMAN, J., assoc. p.
370 Commonwealth Ave.
LETSOU, V. G., a.r.p. *D.* M. G. H.
Levek, J. A., *C.M.* 1915
32 Lawrence, Lawrence
Levene, M. B., r.p. *R.* 1954
636 Beacon
LEVER, W. F., assoc. d.; a.r.p. *D.*
1938 270 Commonwealth Ave.
LEVITAN, J. J., a.dn.s. 80 Boylston
Levy, S. W., a.r.p. *D.* 1951
450 Sutter Bldg.,
San Francisco, Calif.
LEWIS, D. K., assoc. s. *Otolar.*
Mass. E. & E. Inf.
Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford
Lewis, James, *W.M.* 1935 and *C.M.*
1936 281 State, Springfield
LEWIS, JOSEPH L., clin. assoc. *C.M.*
(*C.M.* 1936); r.p. *C.M.* 1937
25 Grant, Waltham
Licciardello, A. T., *M.* 1948; a.r.p.
1949 20 Chase, Danvers
Lichtenwalner, C. S., *M.* 1950; a.r.p.
1951 State Board of Health,
Jackson, Miss.
LIEBMAN, S. D., a.s. *Oph.*
115 Bay State Rd.
Liffmann, K. E., *Dn.* M. G. H.
LIFVERGREN, SARAH M., exec. a.
B.M. (*S.N.* 1930) M. G. H.
Lilly, T. E., Jr., *E.S.* 1943
915 Argyle Bldg., Kansas City, Mo.
Lincoln, J. R., *Or.* 1918
Main, Wareham
LINCOLN, R. C,, a.dn.s. (*Dn.* 1953)
160 Longwood Ave.
LINDEMANN, E., c. *Psychiat.*; psychiat. (*McL.*) M. G. H.
Lindsay, M. K., *Or.* 1926
2650 Wisconsin Ave., N.W.,
Washington, D. C.
LINENTHAL, A. J., assoc.p. *C.M.*;
a.r.p. 1944 1265 Beacon, Brookline
Lingenfelter, G. P., *D.* 1910
1612 Tremont Pl., Denver, Colo.
Lingley, J. R., a.r.p. *R.* 1931
27 Elm, Worcester
LINTON, R. R., v.s. (*W.S.* 1928);
r.s. *W.S.* 1930
1180 Beacon, Brookline
LIPMANN, F., biochem. *Res. Chem.*
M. G. H.
LITTLEFIELD, J. W., a. *M.* (*M.*
1948); r.p. 1950 M. G. H.
LITTMANN, D., clin. assoc. *M.*
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain
Liu, C. T., r.s. *N.S.* 1946
Vet. Adm. Hosp., Oakland, Calif.
Lium, R., *E.S.* 1935
388 State, Portsmouth, N. H.
Livermore, G. R., Jr., *W.S.* 1943
Mayo Clinic, Rochester, Minn.

Livingston, W. K., *W.S.* 1922
1020 S. W. Taylor, Portland, Oreg.
Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946
115 Newbury
Locke, E. A., *E.M.* 1902
Wilton, N. H.
Locke, H. L. F., *C.M.* 1912
179 Allyn, Hartford, Conn.
LOCKSLEY, H. B., sr.r.s. *N.S.* (*S.* 1950) M. G. H.
Loeb, R. F., *W.M.*, 1920
Presbyterian Hosp.,
New York, N. Y.
LOFTFIELD, R. B., assoc. biochem. *M.* M. G. H.
Lombroso, C. T., a.r.p. *N.* 1955
M. G. H.
LONG, R. T., a. psychiat. M. G. H.
LO-PRESTI, J. J., a. *Oph.*
341½ Beacon
LORENZ, MARIA, a. *Psychiat.*; psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.
Loring, R. G., *W.S.* 1896
Colonial Inn Lane, Concord
Lothrop, O. A., *W.S.* 1909
101 Beacon
LOVESEY, B. E., assoc. s. *Otolar.*
76 Bay State Rd.
Lowd, H. M., Jr., *C.M.* 1941
359 Essex, Salem
Lowe, C. U., r.p. *C.M.* 1948
Univ. of Minnesota Hosp.,
Minneapolis, Minn.
LOWELL, J. D., a. *Or.*; a.r.s. *Or.* 1953 266 Beacon
LOWELL, R., *Trustee* 100 Franklin
Lowell, W. H., Jr., a.r.p. 1940
703 Asylum Ave., Hartford, Conn.
LOWIS, S., clin. assoc. *N.S.* (*N.S.* 1936); r.s. *N.S.* 1940
475 Commonwealth Ave.
Lowrey, S. R., r.s. *U.* 1936
170 St. George, Toronto, Canada
LUCK, D. J. L., a.r.p. (*M.* 1954)
M. G. H.
LUDWIG, A. O., assoc. psychiat. (*E.M.* 1932); r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937
82 Marlborough
Ludwig, G. D., a.r.s. 1950
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
LUESSENHOP, A. J., a.r.s. *N.S.*; a.r.p. *N.P.* 1955 M. G. H.
Luikart, R. H., *W.S.* 1917
107 S. 17th, Omaha, Nebr.
Luikart, R. H., Jr., *M.* 1944; a.r.p. *D.* 1948
1525 State, Santa Barbara, Calif.
Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923 20 Gloucester
Lund, I., a.r.p. *An.* 1947
Ulleval sykehus,
avd. III, Oslo, Norway
Lunt, L. K., *W.M.* 1916
Double Four Ranch,
Wheatland, Wyo.
LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.
Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.
Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.
Lyons, C., *W.S.* 1933; r.s. 1936
Med. Coll. of Alabama,
Birmingham, Ala.
Lytton, W., r.p. *Psychiat.* (*McL.*) 1937 4500 Olive,
St. Louis, Mo.
Mabon, T. McC., *W.M.* 1918
Univ. of Pittsburgh Sch. of Med.,
Pittsburgh, Pa.
MABREY, R. E., clin. assoc. *S.*
270 Commonwealth Ave.
McALPINE, F. S., a.r.p. *An.* M. G. H.
McARTHUR, JANET W., a.p.; a.r.p. 1944 M. G. H.
MacAusland, A. R., *W.S.* 1911
412 Beacon
MacAUSLAND, W. R., Jr., a. *Or.*
412 Beacon
McCandless, O. C., *C.M.* 1926
Marion, Kan.
McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch.,
Washington, D. C.
McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.
McCARTHY, P. L., a. *D.*
371 Commonwealth Ave.
McCartin, J. E., *Or.* 1912 877 Beacon
McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.
McClellan, R. R., *W.M.* 1918
200 Rogers, Xenia, Ohio
McClellan, W. S., *W.M.* 1925
Sch. of Med., Univ. of
North Carolina, Chapel Hill, N. C.
McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane,
Port Huron, Mich.

McCONNELL, F., r.p. *R.* M. G. H.
McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp., San Jose, Calif.
McCune, W. S., *W.S.* 1937
2025 Eye, N. W., Washington, D. C.
McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
902 Edmond, St. Joseph, Mo.
MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada
McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine
McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
2065 Adelbert Rd., Cleveland, Ohio
McDERMOTT, W. V., Jr., a.s. (*W.S.* 1943); r.s. 1951 M. G. H.
McDONALD, C. A., hon. p.
106 Waterman, Providence, R. I.
McDONALD, F. C., assoc. p. *C.M.*
39 Main, Concord
Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Lafayette, Yarmouth, Maine
MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp., Richmond, Va.
McDowell, W. P., *C.M.* 1917
142 W. York, Norfolk, Va.
McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio
McGahey, C. E., r.s. 1946
Warren, Hudson, N. Y.
McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.
McGOVERN, J. J. M., a. *C.M.* M. G. H.
McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.
McINTIRE, F. J., Jr., a. *Otolar.*
63 N. Common, Lynn
McIntyre, Patricia A., *M.* 1953
Johns Hopkins Hosp., Baltimore, Md.
McIver, M. A., h.s. *E.S.* 1922
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
Mack, J. E., *M.* M. G. H.
McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer Rd., Hull, Quebec, Canada
McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd., Los Angeles, Calif.
McKEIGUE, J. E., assoc. s. *Otolar*
520 Commonwealth Ave.
McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.
McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester
McKhann, C. F., III, *S.* M. G. H.
Mackie, R. W., sr.r.s. *N.S.* 1954
U.S.N. Med. Centre, Bethesda, Md.
MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.
MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada
McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline
McKITTRICK, L. S., cons. v.s. (*W.S.* 1919) 1180 Beacon, Brookline
MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave., Pasadena, Calif.
McLAUGHLIN, C. H., a.s. *Oph.*
834 Broadway, Everett
McLaughlin, W. B., *Or.* 1931
1524 Termon Ave., Pittsburgh, Pa.
McLEAN, J. D., a. podiatrist *Or.*
16 Curtis, Somerville; 31 Church, Winchester
MacMahon, C. E., *E.S.* 1938
900 Boylston Ave., Seattle, Wash.
MACMILLAN, A. S., r. (*E.* & *E.*)
483 Beacon; 319 Longwood Ave.
Macmillan, A. S., Jr., r.p. *R.* 1953
Peter Bent Brigham Hosp.
MacMillan, Hugh Alexander, a.r.p. *Path.* 1950
Albany Hosp., Albany, N. Y.
MacMillan, Hugh Allen, Jr., a.r.s. 1947 1801 High, Denver, Colo.
McMillan, R. M., a.r.p. 1941
Southern Pines, N. C.
McNeil, D., *Or.* 1930
1339 44th, Sacramento, Calif.
McNIE, A. B., a.r.p. *Path.* M. G. H.
Macomber, D. *S.S.* 1911
Tide River Farm, Brunswick, Maine
McPartland, C. E., r.s. *U.* 1927
29 S. Main, W. Hartford, Conn.
McPeak, C. N., r.p. *R.* 1929
18 Hartwell, Fitchburg
McPherson, R. S., a.r.s. *Or.* 1949
85 Jefferson, Hartford, Conn.
Madey, S. L., *C.M.* 1944
Box 283, Great Neck, Long Island, N. Y.

Mahoney, S. A., *E.S.* 1926
630 Dwight, Holyoke
Maier, J., *E.M.* 1940
Rockefeller Foundation,
New York, N. Y.
Maisel, B. I., r.p. *Path.* 1943
103 E. 75th, New York, N. Y.
Makel, H. P., c.r.p. *An.* 1949
Fitzsimons Gen. Hosp.,
Denver, Colo.
MALCOLM, J. A., a.r.s. (*S.* 1953)
M. G. H.
MALOOF, F., a. *M.;* a.r.p. 1952
264 Beacon
Maloy, J. K., *E.S.* 1947
60 Decker Ave., Staten Island, N. Y.
Malt, R. A., *S.* M. G. H.
MANCALL, E. L., a.r.p. *Path.*
M. G. H.
MANCALL, I. T., a. *Oph.*
750 Main, Hartford, Conn.
MANGIARACINE, ANITA B., b.
Oph. and *Otolar.* Mass. E. & E. Inf.
Manly, I. V., *E.S.* 1947; a.r.s. 1952
2021 Clark Ave., Cameron Village,
Raleigh, N. C.
MANN, W., a. *Psychiat.* M. G. H.
Mannick, J. A., *S.* 1954 M. G. H.
Marble, A., r.p. *W.M.* 1930
81 Bay State Rd.
MARBLE, H. C., hon. s. (*W.S.* 1912)
270 Commonwealth Ave.
MARCUS, S. M., a. u. 520 Beacon
Mark, V. H., sr.r.s. *N.S.* 1954
M. G. H.
MARKS, G. A., clin. assoc. *S.* (*E.S.*
1931); r.s. *E.S.* 1933
15 Dix, Winchester
Maroney, J. W., r.p. *C.M.* 1932
501 Delaware Ave.,
Wilmington, Del.
Marshall, C. S., r.p. *N.* 1927
90½ Gottingen,
Halifax, Nova Scotia, Canada
Marshall, Clare K., r.p. *N.* 1954
M. G. H.
Martin, C. L., h.p. *R.* 1920
3501 Gaston Ave., Dallas, Tex.
MARTIN, D. B., a.r.p. (*M.* 1955)
M. G. H.
Martin, James A., *W.S.* 1946; r.p. *R.*
1951
3501 Gaston Ave., Dallas, Tex.
Martin, James W., *Or.* 1923
107 S. 17th, Omaha, Nebr.
MARTIN, L. E., comptroller M. G. H.
MARTIN, S. F., a.s. *Oph.*
165 Bay State Rd.
Mason, E. D., *M.* 1946
174 Denslow Ave.,
W. Los Angeles, Calif.
Mason, W., *E.M.* 1920; h.p. *E.M.*
1921 151 Rock, Fall River
Massie, W. K., Jr., *Path.* 1938
341 N. Broadway, Lexington, Ky.
MATARAZZO, J. D., assoc. psychol.
M. G. H.
MATARAZZO, RUTH G., a. psychol.
M. G. H.
Matchett, F. L., *Or.* 1934
1727 Gilpin, Denver, Colo.
Mathews, S. S., *Or.* 1928
9730 Wilshire Blvd.,
Los Angeles, Calif.
Mathieu, T. J., r.s. *U.* 1954
36 Perry, Central Falls, R. I.
Mathis, W. H., Jr., r.p. *R.* 1948
Kennestone Hosp., Marietta, Ga.
MATOLTSY, A. G., assoc. biol. *D.*
M. G. H.
MATTOS, E. R., a.dir. M. G. H.
MATZ, M. H., a. *D.*
51 Brattle Cambridge
Maughs, S. B., a.r.p. *Psychiat.* 1938
Psychiatric Unit,
Forty-five Hundred West Pine
Clinics, 4500 W. Pine Blvd.,
St. Louis, Mo.
MAY, G. E., a.obst.
112 Woodlawn Ave., Wellesley Hills
MAY, H. L., a.r.s. (*S.* 1954) M. G. H.
MAYER, R. F., a.r.p. *N.* M. G. H.
Maynard, G. B., Jr., *W.S.* 1943
60 8th, New Bedford
Mayo, F. B., *E.M.* 1943; a.r.p. 1944
144 Beach Bluff Ave., Swampscott
MAYO, R. A., a.r.s. *Or.* M. G. H.
Mead, S., *E.M.* 1940 and *Path.* 1941;
a.r.p. *N.* 1942
California Rehabilitation Center,
Vallejo, Calif.
Meader, C. N., *E.M.* 1912
519 Majestic Bldg.,
Denver, Colo.
MEANS, J. H., hon. p. (*E.M.* 1913)
60 Mount Vernon
Means, P. H., *E.M.* 1924
1 Waterhouse, Cambridge
Meath, J. A., r.p. *N.* 1947
Henry Phipps Clinic,
Johns Hopkins Hosp.,
Baltimore, Md.
Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.
MEIGS, JOE V., cons. v.s. (*E.S.* 1921)
226 Marlborough

Meister, L., *C.M.* 1937
Vet. Adm. Hosp.,
Long Beach, Calif.

MEKKELSEN, CHRISTINE, exec. a. (*R.N.*) M. G. H.

Mellinger, G. W., *M.* 1947
Box 524, Indianapolis, Ind.

MELTZER, P. E., s. *Otolar.*
285 Commonwealth Ave.

Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp.,
Kingston, Ontario, Canada

Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.

MENDELSON, J. H., a.r.p. *Psychiat.* M. G. H.

MERLIS, J. K., clin. assoc. *N.*
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.

MERRILL, O. E., e. *R.* M. G. H.

Metcalf, K. M., r.p. *C.M.* 1925
169 E. 78th, New York, N. Y.

Mewburn, F. H. H., *Or.* 1923
416 McLeod Bldg.,
Edmonton, Alberta, Canada

Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.

Michel, A. J. D., a.r.p. *An.* 1950
Hôpital St. Joseph,
Lyon, France

MICHELSEN, J. J., clin. assoc. *N.S.;* a.r.s. *N.S.* 1938 Box 328,
Back Bay P.O. Annex

Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.

Michie, Catherine R., *Path.* 1943; r.p. *Path.* 1944 New York Univ.,
New York, N. Y.

Middlebrook, G., *M.* 1945
Rockefeller Inst., New York, N. Y.

MILAM, D. F., Jr., a. *Oph.* (*S.* 1949); a.r.s. 1952 Mass. E. & E. Inf.

MILLER, C. C., clin. assoc. *S.* (*W.S.* 1938)
304 Humphrey, Swampscott

MILLER, D., assoc. s. *Otolar.*
403 Commonwealth Ave.

Miller, E. C., *E.M.* 1926
27 Elm, Worcester

Miller, James G., *E.M.* 1943; r.p. *Psychiat.* 1944
Univ. of Chicago, Chicago, Ill.

Miller, Jule P., Jr., a.r.p. *Psychiat.* 1955 Boston Psychopathic Hosp.

MILLER, L. C., Jr., assoc. psychol. M.G.H.

Miller, M. L., *E.M.* 1932
Vet. Adm. Hosp.,
Brentwood, Los Angeles, Calif.

Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.

Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.

Millet, J. B., *W.S.* 1943; a.r.s. 1948
Slocum-Dickson Clinic,
Utica, N. Y.

MILLS, J. A., a.r.p. M. G. H.

Mills, L., Jr., *M.* 1944
720 Lucerne Blvd.,
Los Angeles, Calif.

MINER, L. M. S., hon. s.
363 Marlborough

MINER, R. L., a.dn.s.
363 Marlborough

Ming, Si Chun, r.p. *Path.* 1956
Beth Israel Hosp.

Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.

Mitchel, D. H., *M.* 1943; a.r.p. 1947
Arneill Clinic, Denver, Colo.

Mixter, C. G., *W.S.* 1907
319 Longwood Ave.

MIXTER, C. G., Jr., a. *S.* (*W.S.* 1940); r.s. 1947
319 Longwood Ave.

Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.

MIXTER, W. J., hon. s.; cons. s. (*McL.*) (*S.S.* 1907) Woods Hole

Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.

Monroe, J. T., Jr., *M.* M. G. H.

Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.

Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.

MONTGOMERY, W. W., a. *Otolar.*
Mass. E. & E. Inf.

Moore, B. E., r.p. *Psychiat.* 1942
1148 5th Ave., New York, N. Y.

MOORE, F. D., *Bd. of Cons.* (*W.S.* 1940); r.s. 1943
Peter Bent Brigham Hosp.

Moore, G. A., *W.S.* 1911
167 Newbury, Brockton

Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.

Moore, R. F., *M.* 1954
Boston Psychopathic Hosp.

Moore, S., h.p. *R.* 1917
Barnes Hosp., St. Louis, Mo.

Moorman, H. D., *W.S.* 1943; a.r.s. 1949 431 30th, Oakland, Calif.

Mora, F., *M.* 1951; a.r.s. 1953; a.r.s. *N.S.* 1954 M. G. H.

Moran, J. E., *N.* 1928
31 Federal, Greenfield

Moran, T. W., a.r.p. *Path.* 1950
Mass. Memorial Hosp.

Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East,
Salt Lake City, Utah

MORGAN, WILLIAM L., Jr., r.p. (*M.* 1953) M. G. H.

MORGAN, WINFIELD S., a. path.; r.p. *Path.* 1951 M. G. H.

Morris, H. D., *Or.* 1937
3439 Prytania, New Orleans, La.

Morris, J. McL., *E.S.* 1942; a.r.s. 1947 Yale Univ. Sch. of Med.,
New Haven, Conn.

Morrison, G. M., *Or.* 1941
77 San Mateo Dr., San Mateo, Calif.

Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939 370 Marlborough

Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.

MORRISSEY, A. M., a. *Oph.*
185 High, Medford

Morrissey, E. J., *Or.* 1935; r.s. *Or.* 1936 230 N. 5th, Reading, Pa.

Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912 Brooks Hosp., Brookline

Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp.,
Rochester, N. Y.

MOSHER, H. A., a.s. *Oph.*
71 Bay State Rd.

Mote, J. R., *W.M.* 1937
Chemical Specialties Co., Inc.,
22 E. 40th, New York, N. Y.

Moyer, D. LaR., a.r.p. *Path.* 1955
M. G. H.

Mudd, Seeley G., *W.M.* 1926
523 W. 6th, Los Angeles, Calif.

Mudd, Stuart H., *M.* 1954 M. G. H.

MUELLER, H. PETER, clin. assoc. *R.* M. G. H.

Mueller, Harry L., *C.M.* 1935
31 Church, Winchester

MUELLER, W., dir. *Otolar. Path.*
Mass. E. & E. Inf.

Mulford, E. H., II, a.r.s. *N.S.* 1947
144 Golden Hill, Bridgeport, Conn.

Müller, A. F., a.r.p. 1953
Hôpital Cantonal,
Univ. of Geneva,
Geneva, Switzerland

Munro, Jeannette, *C.M.* 1929
Princeton Hosp., Princeton, N. J.

Munro, N. D., *E.S.* 1942; r.s. 1944
740 W. Michigan Ave.,
Jackson, Mich.

MURPHY, G. B., Jr., a.r.s. (*S.* 1952) M. G. H.

MURPHY, H. J., a. dir. M. G. H.

MURRAY, D. B., a.r.p. *Path.* M. G. H.

MURRAY, J. E., clin. assoc. *S.*
330 Dartmouth

Musgrave, Rhoda U., r.p. *Psychiat.* (*McL.*) 1937 address unknown

Mushatt, C., r.p. *Psychiat.* 1946
270 Commonwealth Ave.

Myers, E. E., *Or.* 1933
271 W. Short, Lexington, Ky.

MYERS, G. S., a.p. (*W.M.* 1942); c.r.p. 1943 M. G. H.

NADAS, A. S., a.p. *C.M.*
Children's Med. Center

NARDI, G. L., a.s. (*E.S.* 1945); r.s. 1951 M. G. H.

NATHAN, L., clin. assoc. *Or.* (*Or.* 1930) 475 Commonwealth Ave.

Nelson, C., *E.S.* 1939 490 Post,
San Francisco, Calif.

Nelson, R. M., a.r.s. 1954
Univ. of Utah Sch. of Med.,
Salt Lake City, Utah

Nelson, W. M., *E.M.* 1920
1305 4th Ave., Seattle, Wash.

NEMIAH, J. C., a. psychiat.; a.r.p. *Psychiat.* 1949 M. G. H.

Neptune, E. McC., *E.S.* 1928
109 W. Onondaga, Syracuse, N. Y.

Nesche, G. E., r.p. *W.M.* 1929
2938 McClure, Oakland, Calif.

NEUMANN, E. T., admin. M. G. H.

Newburgh, L. H., *W.M.* 1909
University Hosp., Ann Arbor, Mich.

Newell, James W., *W.S.*, 1943; j.r.s. 1944 29 Glen Alpine Rd.,
Piedmont, Calif.

NEWELL, JOHN L., assoc. obst. (*E.S.* 1932) 1101 Beacon, Brookline

Newhall, H. F., *E.S.* 1906
51 Nahant, Lynn

Newman, E. V., *C.M.* 1941
Vanderbilt Univ. Sch. of Med.,
Nashville, Tenn.

Newstedt, J. R., r.s. 1950
108 William Howard Taft Rd.,
Cincinnati, Ohio

Nicholson, J. T., r.s. *Or.* 1933
Pennsylvania Hosp.,
Philadelphia, Pa.

Nicosia, A. P., a.r.p. *C.M.* 1949
348 Park Ave., Munsey Park,
Manhasset, Long Island, N. Y.

Nielsen, T. W., *S.* 1949; a.r.s. 1953
60 S. 4th, East, Salt Lake City, Utah

Nilges, R. G., r.s. *N.S.* 1951
2717 Wabash Ave., Gary, Ind.

Noble, C. A., Jr., *E.M.* 1931
384 Post, San Francisco, Calif.

NOBLES, E. R., Jr., a.r.s. (*S.* 1955)
M. G. H.

Norbury, F. B., *M.* 1949
401 Farmers' Bank Bldg.,
Jacksonville, Ill.

Norcross, J. W., *E.M.* 1937
605 Commonwealth Ave.

Normann, N., a.r.p. *An.* 1951
Jewish Hosp., St. Louis, Mo.

NORTON, P. L., v.s. *Or.* (*Or.* 1933);
r.s. *Or.* 1934
1101 Beacon, Brookline

NOSS, G. M., a.dn.s.
31 Bay State Rd.

O'Brien, F. W., Jr., a.r.p. *R.* 1951
465 Beacon

O'Brien, R. M., *Or.* 1941
4161 Lindell Blvd., St. Louis, Mo.

O'Connor, D. S., *Or.* 1925
Yale Univ. Sch. of Med.,
New Haven, Conn.

O'Connor, H., a.r.s. *Or.* 1953
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Odland, G. F., *M.* 1947; r.p. *D.* 1954
1523 Medical and Dental Bldg.,
Seattle, Wash.

OFFENBACH, BERTHA, a. *Oph.*
270 Commonwealth Ave.

Ogden, R. T., *C.M.* 1925
179 Allyn, Hartford, Conn.

OKAMURA, I. D., a. *Oph.*
Mass. E. & E. Inf.

O'KEEFE, E. S., hon. p.
31 Broad, Lynn

O'Keeffe, A. F., a.r.s. 1951
410 South, Needham

OLIN, M. J., a. dn. s.
29 Commonwealth Ave.

Omer, J. A., *Or.* 1912
4 E. Congress, Tucson, Ariz.

Organick, A. B., *M.* 1952; a.r.p. 1953
Navajo Med. Center Sanitarium,
Fort Defiance, Ariz.

Ormandy, L., *Or.* 1943
1532 16th, N.W., Washington,
D. C.

ORSKI, BARBARA M., a.r.p. *C.M.*
(*C.M.* 1955) M. G. H.

Osgood, Herman A., h.p. *R.* 1919
144 Commonwealth Ave.

Osgood, Howard, *E.M.* 1917
187 Linwood Ave., Buffalo, N. Y.

OSGOOD, R. B., hon. s. (*W.S.*
1900) 38 Chestnut

O'SHEA, J. A., clin. assoc. *C.M.;*
a.r.p. *C.M.* 1950 11 William,
Andover

Osius, E. A., *W.M.* 1923
901 David Whitney Bldg.,
Detroit, Mich.

Ottenheimer, E. J., *E.S.* 1924
29 North, Willimantic, Conn.

Owen, W. R., *M.* 1950; r.p. 1952
1007 Hermann Professional Bldg.,
Houston, Tex.

Owyang, Pauline, *C.M.* 1943
4797 Telegraph Ave.,
Oakland, Calif.

PACKARD, F. H., supt. emeritus
(*McL.*) 25 Gregory, Marblehead

Packard, G. B., *E.S.* 1916; h.s. *E.S.*
1917 227 16th, Denver, Colo.

PAGE, L. B., r.p. (*M.* 1950)
M. G. H.

PALMER, R. S., p. (*W.M.* 1927)
330 Dartmouth

PAPADOPOULOS, D. A., r.s. *U.*
M. G. H.

Park, J. H., *C.M.* 1918
3720 Fannin, Houston, Tex.

Parker, G. D., *Dn.* 1939
5528 E. 33rd Ave., Denver, Colo.

Parker, Jack S., *W.S.* 1946
3 Seaward Rd., Wellesley Hills

Parker, James M., *E.S.* 1937
31 Deering, Portland, Maine

Parkhurst, A. E., *W.M.* 1919
1 Monument Sq., Beverly

PARKHURST, E. C., a.r.s. *U.*
M. G. H.

Parmenter, D. C., *E.M.* 1918
Dyer County Health Dept.,
Dyersburg, Tenn

Parnall, E., *Or.* 1932
702 E. Central Ave.,
Albuquerque, N. M

Parson, W., c.r.p. 1942
Sch. of Med., Univ. of Virginia,
Charlottesville, Va

Parsons, J. P., h.p. *C.M.* 1921
808 Grand Marais Blvd., Grosse Point Park, Mich.
PARSONS, L., *Bd. of Cons.* (*W.S.* 1929) 203 Commonwealth Ave.
Patterson, H. E., a.r.p. *C.M.* 1952
1111 W. Yakima Ave., Yakima, Wash.
PATTERSON, J. F., clin. assoc. *D.*
171 Harrison Ave.
Patterson, Robert L., Jr., *Or.* 1935
148 E. 65th, New York, N. Y.
Patterson, Russel H., *E.S.* 1919; h.s. *U.* 1920
63 E. 91st, New York, N. Y.
Paul, J. R., Jr., *C.M.* 1943
4002 Hammersley Ave., Madison, Wis.
Paul, O., *W.M.* 1943
122 S. Michigan Ave., Chicago, Ill.
PAVLO, I. L., a. *Oph.* 520 Beacon
Peabody, C. W., *E.S.* 1917 and *Or.* 1920
474 Fisher Bldg., Detroit, Mich.
Peabody, H. D., Jr., *M.* 1945
3147 Front, San Diego, Calif.
Pearse, R. L., *E.S.* 1934
604 W. Chapel Hill, Durham, N. C.
Pearson, C. M., a.r.p. *Path.* 1948
605 Commonwealth Ave.
Pearson, O. H., *W.M.* 1941; a.r.p. 1942
Memorial Hosp., New York, N. Y.
Pechet, M. M., a.r.p. 1952 M. G. H.
PEDERSON, D. P., a.r.p. *An.*
M. G. H.
PEEBLES, T. C., a. *C.M.* (*C.M.* 1952); c.r.p. *C.M.* 1955
100 Summer, Weston
Peete, W. P. J., *S.* 1948; r.s. 1953
Warrenton, N. C.
PEIFFER, GERALDINE M., a.r.p. *An.*
M. G. H.
PENDLETON, M. E., a. *C.M.*
1101 Beacon, Brookline
Perkins, A., *E.S.* 1925
1900 Lincoln Ave., Ogden, Utah
Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.
Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919
2490 Channing Way, Berkeley, Calif.
Perley, A. I., r.p. *D.* 1948
2030 11th Ave., South, Birmingham, Ala.
PERLO, V. P., a.n. 412 Beacon
Perrin, G. M., *C.M.* 1953; a.r.p. *C.M.* 1954
Boston City Hosp.
Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947
Zurich, Switzerland
Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930
Duke Hosp., Durham, N. C.
Peters, J. H., *W.M.* 1943
U.S. Vet. Adm. Hosp., Atlanta, Ga.
PETERSEN, J. A., r.p. *R.* M. G. H.
Peterson, E. W., *M.* 1944; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Peterson, Harold O., a.r.p. *R.* 1936
350 St. Peter, St. Paul, Minn.
Peterson, Hugo O., *E.M.* 1912
36 Pleasant, Worcester
Petranek, J. R., *M.* 1954; a.r.p. 1955
Pondville Hosp., Walpole
PFEFFER, W., Jr., a.p. *C.M.*
356 Walnut, Wellesley
Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923
3038 St. Paul, Baltimore, Md.
Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949
319 Longwood Ave.
Phippen, W. G., *S.S.* 1906
31 Chestnut, Salem
PICK, W., clin. assoc. *C.M.;* r.p. *C.M.* 1947
42 Fox, Fitchburg
Pickard, N. S., *Or.* 1940
Plaza Med. Bldg., Kansas City, Mo.
PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942
262 Beacon
Pier, G., *W.S.* 1943
111 E. 94th, New York, N. Y.
Pierce, F. D., r.p. *W.M.* 1931
Fort Lauderdale, Fla.
PIERCE, IRENE R., psychol. (*McL.*)
McLean Hosp., Waverley
Pike, M. M., *Or.* 1929
85 Jefferson, Hartford, Conn.
Pillsbury, P. L., *W.M.* 1942
3512 Clay, San Francisco, Calif.
Pinckney, M. M., *W.M.* 1932
311 Med. Arts Bldg., Richmond, Va.
PIPPITT, R. B., a. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941
328 Washington, Wellesley Hills
Pitkin, H. C., *Or.* 1926
909 Hyde, San Francisco, Calif.
PITTMAN, HELEN S., assoc. p.
264 Beacon
Pittman, J. A., Jr., *M.* 1953; a.r.p. 1954
National Inst. of Health, Bethesda, Md.
PITTS, J. D., a.r.s. (*S.* 1950)
M. G. H.

Placak, J. C., Jr., *W.S.* 1936
10515 Carnegie Ave., Cleveland, Ohio

PLACE, E. H., cons. *Contag. Dis.*
Boston City Hosp.

PLOTKIN, L. H., a.r.p. *C.M.* (*C.M.* 1955) M. G. H.

Pohl, J. F., *Or.* 1934
78 S. 9th, Minneapolis, Minn.

POINT, W.W., a. *M.*
330 Dartmouth

POLANSKY, S. C., a.dn.s.
60 Washington, Salem

Polderman, H., *An.* 1941
Waverly Hills Sanatorium, Waverly Hills, Ky.

POLITANO, V. A., a.u. M. G. H.

POLLEN, A., a.s. *Oph.* 636 Beacon

PONTOPPIDAN, H., a.r.p. *An.* M. G. H.

POPE, A., assoc. n.p. (*McL.*)
Longwood Towers, Brookline

PORTER, H., a. n.; a. biochem. (*McL.*); r.p. *N.* 1946
McLean Hosp., Waverley

POTSAID, M. S., a.r.p. *R.* M.G.H.

POULIN, F. K., a.dn.s. (*Dn.* 1942)
196 Marlborough

Powell, S. M., Jr., a.r.p. *C.M.* 1947
301 Palmero, Corpus Christi, Tex.

Prather, G. C., *E.S.* 1925
1180 Beacon, Brookline

Pratt, T. C., *E.S.* 1929
1101 Beacon, Brookline

PRICE, S. E., Jr., a.r.s. (*S.* 1955) M. G. H.

Prindle, K. H., *N.* 1926 and *W.S.* 1928
23 Baldwin, San Mateo, Calif.

PROBST, J.-H., a.r.p. *C.M.* M. G. H.

Putnam, C. R. L., *S.S.* 1895
333 E. 68th, New York, N. Y.

Putnam, H. M., *E.M.* 1937
743 High, Dedham

Putnam, J. J., *C.M.* 1920
28 School, Foxboro

Putnam, T. J., *E.S.* 1923
450 N. Bedford Dr., Beverly Hills, Calif.

Quan, S. H. Q., *Path.* 1947
Memorial Hosp., New York, N. Y.

QUARTON, G. C., assoc. psychiat.; r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1950 M. G. H.

QUINBY, J. T., a. *M.* (*E.M.* 1941)
264 Beacon

QUINBY, W. C., Jr., a. *S.*; r.s. 1950
264 Beacon

Quinn, T. J., Jr., r.p. *An.* 1950
505 2nd Ave., San Bruno, Calif.

Rabinowitz, M., a.r.p. 1955
Inst. for Enzyme Research, Univ. of Wisconsin, Madison, Wis.

Rabkin, M. T., *M.* M. G. H.

RACKEMANN, F. M., *Bd. of Cons.* (*E.M.* 1914) 263 Beacon

Radcliffe, E. J., *Or.* 1925
67 Butterfield Ter., Amherst

Radebaugh, J. F., Jr., *C.M.* 1954; a.r.p. *C.M.* 1955
81 Parkview Ave., Bangor, Maine

RAE, R. G., dn.s.
145 W. Elm, Brockton

Ragland, S., Jr., *M.* 1951; a.r.p. 1952
3540 Floyd Ave., Richmond, Va.

RAGLE, B. H., *Bd. of Cons.* (*E.M.* 1917) 222 Marlborough

RAK, I. P., a. *Psychiat.* 422 Beacon

Raker, J. W., *E.S.* 1942; r.s. 1949
Pennsylvania Hosp., Philadelphia, Pa.

Ramcharan, Savitri, *C.M.* 1954
Trinidad, British West Indies

Randall, Raymond V., *M.* 1946
Mayo Clinic, Rochester, Minn.

RANDALL, RUSSELL E., a.r.p. M. G. H.

RANDOLPH, J. G., a.r.s. M. G. H.

Rappleye, W. C., *W.M.* 1919
630 W. 168th, New York, N. Y.

Rasmussen, H., *M.* 1953; a.r.p. 1955
University Coll. Hosp., London, England

Rasmussen, Jane S., *C.M.* 1954; a.r.p. *C.M.* 1955 University Coll. Hosp., London, England

Ratcliffe, J. W., *W.S.* 1946
111 St. Matthews Ave., San Mateo, Calif.

Rauh, A. E., *C.M.* 1936 Lyons, N. Y.

Ray, L. F., r.p. *D.* 1939
Medical Dental Bldg., Portland, Oreg.

Rebello, D. J. A., a.r.p. *D.* 1954
St. Joseph's Hosp., Lowell

RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) 234 Marlborough

Reed, C. R., Jr., *Or.* 1936
1833 Line Ave., Shreveport, La.

REED, G. F., a.s. *Otolar.*
Mass. E. & E. Inf.

REEVES, J. D., a.r.; r.p. *R.* 1951 M. G. H.

Reeves, R. J., r.p. *R.* 1926
Duke Hosp., Durham, N. C.

REGAN, C. D. J., a. *Oph.*
520 Commonwealth Ave.
REGGIO, A. W., hon. s. (*W.S.* 1914)
School, Medfield
Register, J. F., *Or.* 1936
137 Bishop, Greensboro, N. C.
REID, D. E., *Bd. of Cons.*
221 Longwood Ave.
Reid, Elizabeth Aub, *M.* 1952
Boston Psychopathic Hosp.
REIDY, J. A., a.s. *Or.* (*Or.* 1939)
1101 Beacon, Brookline
Reilly, W. A., *C.M.* 1928
Vet. Adm. Hosp., San Francisco, Calif.
REITH, H. C., clin. assoc. *Dn.*
370 Commonwealth Ave.
Revercomb, P. H., a.r.p. 1933
1031 Quarrier, Charleston, W. Va.
REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945
330 Dartmouth
Reynolds, G. S., r.s. *Thd. S.* 1924
100 North, Pittsfield
Rhinelander, F. W., *E.S.* 1937 and *Or.* 1938
Cleveland City Hosp., Cleveland, Ohio
RHODES, F. I., dn.s.
1352 Beacon, Brookline
Rhodes, J. S., r.s. *U.* 1935
700 W. Morgan, Raleigh, N. C.
Rice, A. H., *E.S.* 1905
901 5th Ave., New York, N. Y.
Richards, D. N., *E.S.* 1912
400 29th, Oakland, Calif.
Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948
166 Tunnell Rd., Berkeley, Calif.
RICHARDS, R. S., a.r.p. *R.* M. G. H.
RICHARDSON, EDWARD P., Jr., a.n. and a.n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.
RICHARDSON, ELLIOT L., *Secretary of the Corporation* 50 Federal
RICHARDSON, G. S., a. *S.* (*W.S.* 1947); r.s. 1954 M. G. H.
RICHARDSON, J. R., s. *Otolar.*
403 Commonwealth Ave.
Richardson, W. R., *W.S.* 1945; a.r.s. 1950
2754 Bush Blvd., Birmingham, Ala.
RICHIE, R. H., Jr., a.r.p. *C.M.* M. G. H.
Riddell, R. V., *E.S.* 1943 and *Path.* 1947 902 Edmond, St. Joseph, Mo.
Riege, D. H., *C.M.* 1947
1711-15 Roosevelt Ave., San Antonio, Tex.
RIEMER, K., a.s. *Oph.*
403 Commonwealth Ave.
Riley, A., *S.S.* 1909
59 Bay State Rd.
Risley, E. H., *E.S.* 1908
27 College Ave., Waterville, Maine
Risley, T. S., *E.S.* 1942; r.s. 1947
1 Monument Sq., Beverly
Ritchie, A. C., a.r.p. *Path.* 1954
St. Mary's Hosp., Montreal, Canada
ROBBINS, L. L., c. *R.*; r.p. *R.* 1941 M. G. H.
ROBERT, FRANCOISE J., a.r.p. *Path.* M. G. H.
Roberts, C. D., a.r.p. 1938
109 E. Palisade Ave., Englewood, N. J.
Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947
203 Commonwealth Ave.
Robertson, O. H., *W.M.* 1914
Univ. of Chicago, Chicago, Ill.
ROBEY, J. S., a.r.p. *C.M.* (*C.M.* 1953) M. G. H.
ROBILLARD, R. L., a.r.p. *N.* M. G. H.
Robins, E., a.r.p. *Psychiat.* 1945
Washington Univ. Sch. of Med., St. Louis, Mo.
Robinson, C. M., *W.S.* 1913
31 Deering, Portland, Maine
Robinson, J. M., r.p. *R.* 1936
Univ. of California Hosp., San Francisco, Calif.
ROCK, J., *Bd. of Cons.* (*W.S.* 1919)
32 Cumberland Ave., Brookline
Rockey, E. W., *E.S.* 1914
330 Med. Arts Bldg., Portland, Oreg.
ROCKWOOD, ETHEL M., *Bd. of Cons.* 416 Marlborough
Rodgers, R. S., r.s. *U.* 1947
547 Med. Arts Bldg., Minneapolis, Minn.
RODKEY, G. V., a. *S.* (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950
266 Beacon
Roe, B. B., *W.S.* 1943; r.s. 1950
384 Post, San Francisco, Calif.
Rogers, D. M., *C.M.* 1938
9 Pine, S. Hamilton
ROGERS, H., v.s. (*E.S.* 1925)
264 Beacon

Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916
140 Ogden, New Haven, Conn.
ROGERS, WILLIAM A., *Bd. of Cons.* (Or. 1924) 266 Beacon
ROGERS, WILLIAM P., Jr., a. *S.*; a. *Otolar.* 264 Beacon
Rolett, E. L., *M.* M. G. H.
ROOPENIAN, A., a.s. *Otolar.*
475 Commonwealth Ave.
Roots, L. H., *W.S.* 1933
Hua Chung College, Hsichow, China
ROPES, MARIAN W., assoc. p.; a.r.p. 1934 M. G. H.
Rosales, Remedios K., r.p. *N.P.* 1952; a.r.p. *Path.* 1954 24 Fenwood Rd.
Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934 Univ. of California Med. Center, Los Angeles, Calif.
Rosen, R. B., *C.M.* 1953; a.r.p. *C.M.* 1954 Children's Med. Center
Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939
Cincinnati Gen. Hosp., Cincinnati, Ohio
ROSENBLATT, D., a. psychol. (*McL.*)
McLean Hosp., Waverley
ROSENKRANTZ, J. G., a.r.s. (*S.* 1954) M. G. H.
Rosenman, L. D., *E.S.* 1943; a.r.s. 1949
450 Sutter, San Francisco, Calif.
ROSENTHAL, A. L., a.r.p. *D.* M. G. H.
ROSS, R. A., p. *C.M.*
51 Brattle, Cambridge
Rosser, C., *W.S.* 1918
1719 Pacific Ave., Dallas, Tex.
Roth, J. d'A., *M.* 1945
Regional Hosp., SHAAF, Salvia, Kan.
Rothberg, H. D., Jr., *M.* 1954; a.r.p. 1955
Walter Reed Army Med. Center, Washington, D. C.
ROTHFELD, L. J., a.r.p. *An.* M. G. H.
ROUILLARD, F., a. obst.
319 Longwood Ave.
ROUNDS, C. E., dn.s. (*Dn.* 1947)
403 Commonwealth Ave.
ROURKE, GRACE MARGARET, res. assoc. *M.* M. G. H.
ROVIT, R. L., a.r.s. *N.S.* M. G. H.
ROWE, C. R., a.s. *Or.* (*Or.* 1939)
264 Beacon
ROWE, J. C., r.p. (*M.* 1952) M. G. H.
Rowell, H. G., *W.S.* 1921
525 W. 120th, New York, N. Y.
RUBEN, M., a.s. *Otolar.*
311 Commonwealth Ave.
Rubinstein, J. H., *C.M.* 1954; a.r.p. *C.M.* 1955 Children's Hosp., Cincinnati, Ohio
RUDY, H. A., a. *U.* 60 Brattle, Cambridge
Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940
2015 R, N.W., Washington, D. C.
Rukes, J. M., *M.* 1950; a.r.p. 1952
Barnes Hosp., St. Louis, Mo.
Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942
Med. Arts Bldg., Oak Ridge, Tenn.
RUNGE, P. M., a. *Oph.*
140 Marlborough
Rupp, J. J., a.r.p. *An.* 1947
Tucson Med. Centre, Tucson, Ariz.
Russell, H. N., Jr., *C.M.* 1939
Greeley Clinic, Greeley, Colo.
RUSSELL, P. S., Jr., r.s. (*S.* 1949) M. G. H.
RUSSFIELD, AGNES BURT, a. *Path.* (*Path.* 1950); a.r.p. *Path.* 1951 M. G. H.
Rutherford, Robert N., *W.S.* 1938
707 Broadway, Seattle, Wash.
Rutherford, Rondall W., *C.M.* 1933
21 Institution Ave., Newton Centre
RUTLEDGE, R. H., r.s. (*S.* 1950) M. G. H.
RUTSTEIN, D. D., assoc. p. H. M. S.
Rutter, T., *E.S.* 1946; a.r.s. 1949
Jackson Clinic, Madison, Wis.
Ryan, C. D., a.r.s. *W.S.* 1928
115 E. 61st, New York, N. Y.
Ryan, J. P., *Dn.* 1953 211 6th, Mechanicville, N. Y.
Ryan, K. J., *M.* 1953; a.r.p. 1954 M. G. H.
RYAN, MILDRED L., a.d.
57 W. Elm, Brockton
Sabin, H. S., r.s. *U.* 1941
1801 K, N.W., Washington, D. C.
Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
SAIDI, F., a.r.s. M. G. H.
St. AUBIN, P. M. G., a.r. (*M.* 1948); r.p. *R.* 1953 M. G. H.

St. Goar, W. T., *M.* 1950; r.p. 1952
Dept. of Med., Queen Elizabeth Hosp., Birmingham, England
Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34, Bogotá, Colombia
SALZMAN, E. W., a.r.s. (*S.* 1954) M. G. H.
Sampson, D. A., a.r.p. *R.* 1937
203 Suburban Sq. Bldg., Ardmore, Pa.
Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.
Sanborn, F., *N.S.* 1939
S. Royalton, Vt.
Sanchez, G. C., *M.* 1950; a.r.p. 1951 M. G. H.
Sanders, M. B., *E.S.* 1920
American Hosp., Neuilly, Paris, France
Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave., Tacoma, Wash.
Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949
Yale Psychiat. Clinic, New Haven, Conn.
SANDLER, A. I., a.r.p. (*M.* 1956) M. G. H.
Sands, K. F., a.r.p. *C.M.* 1948
319 Longwood Ave.
Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.
Sarnoff, S. J., a.r.s. 1947
Harvard Sch. of Public Health
SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn
SASAHARA, A. A., a.r.p. M. G. H.
SASLOW, G., psychiat.; r.p. *Psychiat.* 1943 M. G. H.
Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg., Washington, D. C.
Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington
Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.
SCANNELL, J. G., assoc. v.s. (*E.S.* 1941); r.s. 1946 M. G. H.
SCEERY, R. T., a. *C.M.* (*C.M.* 1951); c.r.p. *C.M.* 1953 109 N. Main, Cohasset
Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave., Newark, N. J.
SCHALL, L. A., c. *Otolar.*
Mass. E. & E. Inf.
SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline
Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y.
SCHEPENS, C. L., a.s. *Oph.*
327 Charles
SCHIEBLER, G. L., a.r.p. (*C.M.* 1955) M. G. H.
SCHMID, K., assoc. biochem. *M.* M. G. H.
SCHMITT, F. O., *Trustee*
M. I. T., Cambridge
Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.
Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, T. H.
Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.
Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave., Milwaukee, Wis.
Schoen, E. J., a.r.p. *C.M.* 1954
Kaiser Foundation Hosp., Oakland, Calif.
Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd., Los Angeles, Calif.
SCHUELER, H. K., a.r.s. *U.* M. G. H.
Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave., Los Angeles, Calif.
SCHULZ, M. D., r. M. G. H.
Schuster, S. R., a.r.s. 1952
Children's Med. Center
SCHWAB, R. S., n.; r.p. *N.* 1935 M. G. H.
Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med., Milwaukee, Wis.
Schwyzer, Marguerite, a.r.p. 1946
2069 Ford Parkway, St. Paul, Minn.
SCOTT, ALFRED W., a. *Oph.*
5 Bay State Rd.
Scott, Arthur C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.
SCOTT, D. H., a. *Oph.*
1 Monument Sq., Beverly
SCOTT, J. F., assoc. biophysicist *M.* M. G. H.
Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W., Canton, Ohio
Scott, T., r.p. 1939
200 W. 2nd, Lexington, Ky.
SCULLY, R. E., a. path. M. G. H

Seabury, R. B., *W.S.* 1918
315 Whitney Ave.,
New Haven, Conn.

SEALE, E. S., a.s. *Oph.*
126 Bay State Rd.

Sears, J. B., *W.S.* 1929
416 Marlborough

Seed, J. C., *M.* 1946
Sterling Winthrop Research Inst.,
Rensselaer, N. Y.

Seelye, W. C., *W.S.* 1900
390 Main, Worcester

Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.

SELVERSTONE, B., clin. assoc. *N.S.*; r.s. *N.S.* 1947
New Eng. Center Hosp.

Semrad, E. V., r.p. *Psychiat.* (*McL.*) 1938 196 Trapelo Rd., Belmont

Senior, B., *C.M.* 1950; a.r.p. *C.M.* 1951
3 3rd Ave., Lower Houghton,
Johannesburg, South Africa

SEWALL, W. F., a. obst.
466 Commonwealth Ave.

SHAFFER, F. G., a.r.s. (*S.* 1952); r.s. *U.* 1955 M. G. H.

Shaffer, H. A., a.r.p. *R.* 1932
244 Lebanon Ave., Hopecrest,
Morgantown, W. Va.

SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.

Shannon, E. W., r.s. *N.S.* 1944
1314 Hanna Bldg., Cleveland, Ohio

Shannon, James G., *Or.* 1931
37 Ontario, South,
St. Catharines, Ontario, Canada

SHANNON, JAMES M., clin. assoc. *S.* (*S.* 1948); a.r.s. 1954
31 Chestnut, Salem

Shannon, P. W., *Or.* 1934
1927 1st Ave., North,
Birmingham, Ala.

SHARPE, J. D., assoc. psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1951 McLean Hosp., Waverley

SHATTUCK, G. C., cons. *T. Dis.* (*E.M.* 1906) H. M. S.

Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.

Shaw, H. A., *W.S.* 1891
121 E. 31st, New York, N. Y.

Shaw, J. L., r.s. *P.H.* 1935 and *U.* 1937 899 Madison Ave.,
Memphis, Tenn.

SHAW, R. S., a. *S.* and a. dir. of *Blood Bank* (*W.S.* 1946); r.s. 1952 M. G. H.

Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline

SHEA, MARJORIE L., cons. for Community Relations M. G. H.

Shedden, W. M., *E.S.* 1920; h.s. *U.* 1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.

SHELDON, C. P., assoc. obst. (*E.S.* 1931) 319 Longwood Ave.

Sheldon, D. B., *S.* 1951; a.r.s. 1955
Univ. of California Med. Center,
Los Angeles, Calif.

SHELDON, R. F., *Bd. of Cons.* (*E.S.* 1912) 31 Pinckney

SHERMAN, GRACE H., exec. a. *B.M.* (*S.N.* 1934) M. G. H.

Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.

Shipley, Margaret S., *E.M.* 1943
310 Kenoza Ave., Haverhill

Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.

Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton

SHLOSSBERG, F. R., a.s. *Otolar.*
116 Emerson, Haverhill

Shorey, W. D., *E.S.* 1946; a.r.s. 1950
59 E. Madison, Chicago, Ill.

SHORT, C. L., assoc. p. (*W.M.* 1930); c.r.p. 1933 264 Beacon

Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham

SHURTLEFF, D. B., a.r.p. *C.M.* (*C.M.* 1956) M. G. H.

SIDMAN, R. L., a.r.p. *N.* M. G. H.

SIFNEOS, P. E., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1950; r.p. *Psychiat.* 1952 M. G. H.

Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.

SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cleveland City Hosp.,
Cleveland, Ohio

SIMMONS, F. A., assoc. v.s. (*W.S.* 1935) 330 Dartmouth

Simon, R. L., *Or.* 1932
620 W. 4th, Williamsport, Pa.

Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.

SINGH, M. M., r.p. (*M.* 1952) M. G. H.

Siperstein, M. D., a.r.p. 1955
Univ. of Texas Med. Sch.,
Dallas, Tex.

SISCOE, D. L., *Bd. of Cons.* (*E.M.* 1921) 1101 Beacon, Brookline

SISSON, W. R., *Bd. of Cons.* (*C.M.* 1912) 203 Commonwealth Ave.
Skinner, A. L., Jr., *C.M.* 1953 Children's Orthopedic Hosp., Seattle, Wash.
Skinner, J. C., r.p. *Psychiat.* 1948 Orchard Ave., Weston
Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934 University Hosp., Augusta, Ga.
SLEEPER, E. L., clin. assoc. *Dn.* 25 Bay State Rd.
SLEEPER, RUTH, dir. *S.N.* and *Nurs. Serv.* (*S.N.* 1922) M. G. H.
SLEMONS, MARION L., a.p. *C.M.* 400 Commercial, Braintree
SLOANE, A. E., a.s. *Oph.* 416 Marlborough
Sloane, R. B., r.p. *Psychiat.* 1953 24 Shawville Gardens, Ilford, Essex, England
Smillie, J. W., *E.S.* 1944; j.r.s. 1945 Dept. of Oph., University Hosp., Ann Arbor, Mich.
SMITH, CLEMENT A., cons. *C.M.* 221 Longwood Ave.
Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921 490 Post, San Francisco, Calif.
Smith, E. Gerard, r.p. *R.* 1934
Smith, Edward T., *Or.* 1937 6410 Fannin, Houston, Tex.
SMITH, G. G., hon. s. (*W.S.* 1909) 1101 Beacon, Brookline
Smith, Hervey L., *W.M.* 1907 235 Queens Lane, Palm Beach, Fla.
Smith, Howard W., *Dn.* 1946 64 Trumbull, New Haven, Conn.
SMITH, J. A., *Bd. of Cons.* 1180 Beacon, Brookline
Smith, Lemuel D., *Or.* 1923 2454 W. Kilbourn Ave., Milwaukee, Wis.
SMITH, LLOYD H., Jr., c.r.p. (*M.* 1949) M. G. H.
Smith, M. L., a.r.p. *An.* 1951 544 W. 2nd, Lexington, Ky.
Smith, Richard M., *W.M.* 1909 330 Dartmouth
Smith, Robert P., *M.* 1943 195 S. Union, Burlington, Vt.
SMITH, T. R., a. *Oph.* and assoc. *Oph.* path. Mass. E. & E. Inf.
SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon, Brookline
SMITH, WILLIAM H., hon. p. (*W.M.* 1897) 8 Marlborough
SMITH, WILLIAM P., r.p. M. G. H.
SMITH-PETERSEN, M., a. *Or.*; sr. r.s. *Or.* 1952 266 Beacon
SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928 203 Commonwealth Ave.
SNEDDON, E. A., clin. assoc. *An.*; r.p. *An.* 1954 U.S. Naval Hosp., Chelsea
SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940 Memorial Hosp., Worcester
Snyder, J. C., *W.M.* 1939 Harvard Sch. of Public Health, 695 Huntington Ave.
Snyder, Monica H., r.p. *An.* 1935 10879 Whipple, N. Hollywood, Calif.
Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd., Hollywood, Calif.
Sober, S., a.r.s. *Or.* 1953 481 Colbourne, London, Ontario, Canada
SOHIER, W. D., Jr., a. *M.* (*M.* 1947); r.p. 1951 M. G. H.
Soholt, S. T., sr.r.s. *Or.* 1951 193 Arch, Redwood City, Calif.
SOJKA, FLORENCE C., exec. a. (*S.N.* 1947) M. G. H.
SOLOMON, H. C., *Bd. of Cons.*; cons. psychiat. (*McL.*) Boston Psychopathic Hosp.
Solomon, J., r.p. *N.* 1944 2331 W. 3rd, Los Angeles, Calif.
SOODAK, M., a. biochem. *M.* M. G. H.
SOSA, D., a.r.s. *N.S.* M. G. H.
Sosman, J. L., a.r.p. *R.* 1952 Children's Med. Center
Soule, A. B., Jr., a.r.p. *R.* 1932 Mary Fletcher Hosp., Burlington, Vt.
SOUTTER, L., clin. assoc. *S.*; a.r.s. 1941 80 E. Concord
SOWLES, H. K., *Bd. of Cons.* (*W.S.* 1917); h.s. *W.S.* 1918 Cumberland Centre, Maine
Spalding, R., *E.M.* 1902 Longwood Towers, Brookline
SPANGLER, A. S., a. *D.*; r.p. *D.* 1945 330 Dartmouth
Spangler, P. E., *W.S.* 1925 2747 S. W. Roswell Ave., Portland, Oreg.

Spear, L. M., *E.M.* 1906
483 Beacon
SPEARE, G. S., clin. assoc. *S.* (*W.S.* 1927) 353 Commonwealth Ave.
SPECTOR, L. B., a. biochem. *M.*
M. G. H.
SPELLMAN, J. W., clin. assoc. *S.* (*Thd. S.* 1924 and *W.S.* 1926)
1101 Beacon, Brookline
Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak, Dallas, Tex.
Spencer, Jack, r.p. *R.* 1934
31 Deering, Portland, Maine
Spencer, John R., *E.M.* 1943
2280 Clermont, Denver, Colo.
Spencer, R. E., a.r.p. *An.* 1951
Moses H. Cone Memorial Hosp., Greensboro, N. C.
Sphire, R. D., a.r.p. *An.* 1955
Grace Hosp., 4160 John R., Detroit, Mich.
Spiers, H. W., *Or.* 1920
4405 W. 9th, N. Hollywood, Calif.
SPIRO, D., a. *Path.* M. G. H.
Splithoff, C. A., *Or.* 1942
3406 Webster, Oakland, Calif.
Sporer, Edita Sternova, *An.* 1942
459 Park Ave., Paterson, N. J.
Sprague, Elizabeth H., *C.M.* 1953
New York Hosp., New York, N. Y.
SPRAGUE, H. B., *Bd. of Cons.* (*E.M.* 1924) 1180 Beacon, Brookline
SPRENG, KATHARINE E., a.r.p. (*M.* 1955) M. G. H.
Squire, Lucy F., a.r.p. *R.* 1944
Gen. Hosp. of Syracuse, Syracuse, N. Y.
Stall, B. G., III, *M.* 1947; r.p. 1949
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
STANBURY, J. B., assoc. p. (*W.M.* 1941); c.r.p. 1948 M. G. H.
STANTON, A. H., c. *Psychiat.* (*McL.*); *psychiat.*
McLean Hosp., Waverley
STANTON, J. C., dn.s.
38 Maple, Danvers
Staples, O. S., Jr., *Or.* 1938
Hitchcock Clinic, Hanover, N. H.
STAROBIN, O. E., a.r.p. (*M.* 1955) M. G. H.
Starr, I., *W.M.* 1922
Sch. of Med., Univ. of Pennsylvania, Philadelphia, Pa.
States, J. D., a.r.s. *Or.* 1955 M. G. H.
STAUFFER, RUTH E., a. *N.*; r.p. *N.* 1949 Peter Bent Brigham Hosp.
Stearns, T., *E.S.* 1913 and *Or.* 1914
736 Haxtun Ave., Orange, N. J.
STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem
Steel, D., r.p. *R.* 1925
7911 Detroit Ave., Cleveland, Ohio
Steele, B. W., Jr., a.r.s. 1952
1307 S. Main, Tulsa, Okla.
Steenburg, D. B., *E.S.* 1915
1016½ 12th, Aurora, Nebr.
Steenburg, E. K., *E.S.* 1919
1016½ 12th, Aurora, Nebr.
STENGER, R. J., a.r.p. *Path.* M. G. H.
Stephens, W. A., *Or.* 1943
Pasteur Med. Bldg., St. Louis, Mo.
Stern, N. S., *E.M.* 1917
899 Madison Ave., Memphis, Tenn.
STERNSTEIN, H. J., assoc. s. *Otolar.*
416 Marlborough; 54 Winter, Norwood
Stetson, J. B., a.r.p. *An.* 1953
Lowell Gen. Hosp., Lowell
Stetson, R. P., *W.M.* 1928
203 Commonwealth Ave.
Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916
105 William, New Bedford
Stevens, Horace P., *W.S.* 1907
985 Memorial Dr., Cambridge
Stewart, James M., *M.* 1946
344 West Ave., Rochester, N. Y.
Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.
Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.
Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, T. H.
Stewart, W. C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.
Stickney, R. C., *C.M.* 1920
68 Lathrop, Beverly
Stiefel, D. M., *Or.* 1923
1553 Woodward Ave., Detroit, Mich.
Stiff, D. W. S., r.p. *R.* 1950
Williston, Vt.
Stiles, Q. R., *S.* M. G. H.
Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine

Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave.,
Wilmington, Del.
STOECKLE, J. D., a.p. (*M.* 1949); r.p. 1951 M. G. H.
Stokes, J., Jr., *W.M.* 1921
Children's Hosp., Philadelphia, Pa.
STOKES, J., III, a. *M.*; r.p. 1954
M. G. H.
Stolman, J. M., *Dn.* M. G. H.
STONE, A. A., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
STONE, BARTLETT H., a. obst.
1101 Beacon, Brookline
Stone, Bernard B., r.s. *N.S.* 1955
65 Elm, Worcester
STONE, W., Jr., a. *Oph.*
1101 Beacon, Brookline
Stout, H. A., *Path.* 1938; r.p. *Path.* 1939
Mayo Clinic, Rochester, Minn.
Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave.,
N. Hollywood, Calif.;
4849 Van Nuys Blvd.,
Van Nuys, Calif.
Stovner, J., a.r.p. *An.* 1953
Fethlitzgt 1, Oslo, Norway
Straehley, C. J., Jr., *W.S.* 1947; a.r.s. 1953 Vet. Adm. Hosp.,
Syracuse, N. Y.
Strauss, A. E., *E.M.* 1916
539 N. Grand Ave.,
St. Louis, Mo.
Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.
Strom, J. O., r.p. *N.P.* 1955
National Hosp., London, England
Stunkard, A. J., *M.* 1946
Johns Hopkins Hosp.,
Baltimore, Md.
Sturdevant, C. L., *Or.* 1939
234 Marlborough
STURGIS, G. P., a.p.
1101 Beacon, Brookline
Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.
SUBY, H. I., assoc. v.u.; r.s. *P.H.* 1937 and *U.* 1939 262 Beacon
Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
604 Loraine Bldg.,
Grand Rapids, Mich.
SULLIVAN, C. L., a. obst.
1180 Beacon, Brookline
Sullivan, E. R., *E.M.* 1936 and *Path.* 1937; r.p. 1941
139 Adams, Milton
SULLIVAN, G. L., a.s. *Oph.*
101 Bay State Rd.
SUMMERALL, C. P., III, a.r.p. (*M.* 1956) M. G. H.
Surls, J. K., *Or.* 1920 and *E.S.* 1922
130 East End Ave.,
New York, N. Y.
Sussman, M. L., r.p. *R.* 1930
801 N. 2nd Ave., Phoenix, Ariz.
Sutherland, G. F., r.p. *Psychiat.* (*McL.*) 1941
Dept. of Mental Hygiene,
2218 N. Charles,
Baltimore, Md.
Sutphin, A. K., *W.M.* 1943; a.r.p. 1946 1805 Monument Ave.,
Richmond, Va.
Sutter, L. A., *D.* 1913
104 W. Douglas Ave.,
Wichita, Kan.
Suyama, E., *S.* 1951; a.r.s. 1955
105 Stadium Pl., Syracuse, N. Y.
SVENSON, ESTELLE C., exec. a. *B.M.* (*S.N.* 1922) M. G. H.
Swaim, L. T., *W.S.* 1912
Rock Maple Farm, E. Pepperell
Swan, Channing S., *W.S.* 1925
20 Gloucester
Swan, Charles L., Jr., *W.S.* 1929
20 Gloucester
SWARTZ, J. H., *Bd. of Cons.*
483 Beacon
SWARTZ, MORRIS, a. *Otolar.*
124 Ocean, Lynn
SWARTZ, MORTON N., a. *M.* (*M.* 1948); c.r.p. 1953 M. G. H.
Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic,
Detroit, Mich.
Sweet, C. D., *C.M.* 1913
2940 Summit, Oakland, Calif.
Sweet, E. B., a.r.s. *Or.* 1954
Boston City Hosp.
Sweet, P. L., *Dn.* 1949; a.r.s. *Dn.* 1950
45 Chambers
SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 205 Beacon
Sweet, Robert B., a.r.p. *An.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.
SWEET, W. H., assoc.v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.
SWEETNAM, G. H., a.dn.s. (*Dn.* 1937) 743 High, Dedham
SWEETSER, E. H., clin. assoc. *Psychiat.* 23 Bay State Rd.

Swineford, O., Jr., *W.M.* 1927
Box 3373, University Station, Charlottesville, Va.
Sycamore, L. K., a.r.p. *R.* 1929
Hitchcock Clinic, Hanover, N. H.
Tabor, Celia White, *M.* 1945
3130 Wisconsin Ave., N. W., Washington, D. C.
TAFT, E. B., a. path. M. G. H.
Talalay, P., *S.* 1949; a.r.s. 1950
Univ. of Chicago, Chicago, Ill.
Talbert, R., r.p. *N.* 1953 M. G. H.
TALBOT, F. B., hon. p. (*E.M.* 1907)
24 Cottage Farm Rd., Brookline
TALBOT, N. B., p. *C.M.* M. G. H.
Talin, J. J., *Or.* 1943
39 2nd, Troy, N. Y.
TALLAND, G. A., assoc. psychol. M. G. H.
Tallon, J. B., a.r.p. *R.* 1953
Herbert Reddy Memorial Hosp., Montreal, Canada
Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939
1010 Prince Ave., Athens, Ga.
T'an, Chung-Chang, *Or.* 1943
Children's Hosp., New York, N. Y.
Tanner, J. B., sr.r.s. *Or.* 1954
300 Homer Ave., Palo Alto, Calif.
Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 Goodspeed Bldg., Ionia, Mich.
Tatlock, H., *W.M.* 1940
26 Center, Northampton
TAYLOR, G. W., v.s. (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925
264 Beacon
Taylor, I. M., *M.* 1946; c.r.p. 1951
North Carolina Memorial Hosp., Chapel Hill, N. C.
Taylor, J. H., *E.M.* 1917
37 Marlborough
Teel, C. E., *W.S.* 1925
1155 State, Bellingham, Wash.
TEFFT, R. C., Jr., assoc. p. *C.M.*
266 Beacon
TENNEY, B., Jr., a. obst. (*W.S.* 1927) 203 Commonwealth Ave.
Tenney, Vivian A., a.r.s. *Gyn.* 1943
155 E. 49th, New York, N. Y.
TETIRICK, J. E., a.r.s. (*S.* 1952) M. G. H.
Thacher, H. C., *C.M.* 1942
11 Turner, Auburn, Maine
Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950 18 Kraft Ave., Bronxville, N. Y.
Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928 31 Deering, Portland, Maine
THAYER, A. H., a.r.p. *An.* M. G. H.
THEOPOLD, P. H., *Trustee*
294 Washington
Theus, W. W., *Dn.* 1952
1019 Pickens, Columbia, S. C.
THOMA, K. H., hon. s.
1180 Beacon, Brookline
THOMAS, ANNE G. T., a.r.p. *Path.* M. G. H.
Thomas, H. M., Jr., *W.M.* 1917
314 Overhill, Baltimore, Md.
THOMAS, JACKSON M., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1933 319 Longwood Ave.
Thomas, John B., *M.* 1953; a.r.p. 1954
Boston City Hosp.
Thomas, R. L., *N.S.* 1933 and *E.S.* 1936 Franklin Bldg., Oakland, Calif.
Thomas, W. A., a.r.p. *Path.* 1951
Barnes Hosp., St. Louis, Mo.
Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948
Mass. Memorial Hosp.
*Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935 U.S. Army Hosp., Neubrücke, APO 34, c/o Postmaster, New York, N. Y.
Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946 704 Congress, Portland, Maine
THOMPSON, RALPH D., clin. assoc. *Dn.* 64 Columbus, Newton Highlands
THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940
26 Chestnut, Salem
Thompson, S. B., a.r.s. *Or.* 1947
Kernan Hosp. for Crippled Children, Baltimore, Md.
Thompson, V. P., *Or.* 1925
1136 W. 6th, Los Angeles, Calif.
Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931
Pinewood, Katonah, N. Y.
Thompson, William T., a.r.p. 1941
1000 W. Grace, Richmond, Va.
THORNDIKE, A., cons. *S.* (*W.S.* 1923) 15 Holyoke, Cambridge
Thorndike, W. T. S., *W.S.* 1919
Germantown Hosp., Germantown, Pa.

*Not in States and Cities section of this Directory

Thorp, E. G., *E.M.* 1931
Malden Hosp., Malden

THURLBECK, W. M., a.r.p. *Path.*
M. G. H.

Tileston, W., *E.M.* 1900
Box CC, Carmel Valley, Calif.

TILLEY, R. F., a. d. 1180 Beacon, Brookline

TIMBERLAKE, W. H., a. *N.;* r.p. *N.* 1949 20 Gloucester

TIMM, A. B., Jr., r.p. *D.* M. G. H.

TISDALE, W. A., r.p. (*M.* 1952)
M. G. H.

Tobin, W. J., *Or.* 1939
1835 Eye, N.W., Washington, D.C.

Todd, B. P., *W.M.* 1938
1 Monument Sq., Beverly

TODD, D. P., assoc. an.; r.p. *An.* 1947
M. G. H.

TOLL, G. D., a.r.s. (*S.* 1952)
M. G. H.

TOLL, KAREL vanS., a. *N.*
197 Coolidge Hill Rd., Cambridge

TOLMAN, M. M., d. 636 Beacon

Tomchik, F. S., r.p. *R.* 1955 68 Allen

TOMPKINS, D. G., a.r.s. *Or.*
M. G. H.

Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937
Valleyhead, Concord

Toppan, R. L., *S.S.* 1910
148 High, Newburyport

Toriello J., r.p. *R.* 1955
4a Calle 6-35, Zone 1,
Guatemala City, Guatemala

Tow, P. M., a.r.p. *Psychiat.* 1954
address unknown

Towery, B. T., r.p. 1946
Vanderbilt Univ., Nashville, Tenn.

TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923)
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Tracy, R. J., *E.S.* 1943; a.r.s. 1949
18 Bank Row, Pittsfield

Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937 99 Bay State Rd.

Traver, C. A., *W.S.* 1927
28 Willett, Albany, N. Y.

Traver, R. F., *E.S.* 1930
Vet. Adm. Hosp., Bath, N. Y.

Trethowan, W. H., a.r.p. *Psychiat.* 1951 Univ. of Sydney,
Sydney, New South Wales, Australia

Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934 274 Commonwealth Ave.

TRIEGER, N., a.r.s. *Dn.* (*Dn.* 1955)
M. G. H.

Tripp, C. C., *W.S.* 1923
416 County, New Bedford

Troppoli, D. V., *N.* 1927
380 Broadway, Providence, R. I.

TROTTER, R. R., a. *Oph.*
Mass. E. & E. Inf.

Trowbridge, E. H., Jr., a.r.p. *N.* 1940
1102 Grand Ave., Kansas City, Mo.

Troxler, E. R., *Or.* 1942
1000 N. Elm, Greensboro, N. C.

TRUMP, J. G., cons. *Physics*
M. I. T., Cambridge

Tucci, J. H., *An.* 1944; r.p. *An.* 1945
Brockton Hosp., Brockton

Tucker, J. T., *Or.* 1930
116 E. Franklin, Richmond, Va.

Tucker, R. P., *W.S.* 1939; a.r.s. 1940
21 Lamboll, Charleston, S. C.

Tucker, W. I., r.p. *Psychiat.* 1944
605 Commonwealth Ave.

TUDOR, F., clin. assoc. *M.*
51 Randolph Ave., Milton

TUTTLE, E. P., Jr., a. *M.* (*M.* 1952); a.r.p. 1953 M. G. H.

Twombly, G. H., *W.S.* 1932
842 Park Ave., New York, N. Y.

Tyson, R. G., a.r.p. *C.M.* 1950
Permanente Hosp., Vallejo, Calif.

ULFELDER, H., c. *Gyn.* (*E.S.* 1939); r.s. *E.S.* 1941 264 Beacon

Ulick, S. C., *C.M.* 1952
Memorial Hosp., New York, N. Y.

Ulmer, J. L., r.s. *N.S.* 1942
McGuire Vet. Adm. Hosp.,
Richmond, Va.

Urist, M. R., sr. r.s. *Or.* 1947
1019 Grayley Ave., Westwood
Village, Los Angeles, Calif.

Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930 Williams College,
Williamstown

Urschel, H. C., *S.* M. G. H.

Uyeda, I., *C.M.* 1950; a.r.p. *C.M.* 1951
30 Fortuna Ave.,
San Francisco, Calif.

VAGELOS, P. R., a.r.p. (*M.* 1955)
M. G. H.

Vance, L. A., *Path.* 1937; r.p. *R.* 1939
16 Atlantic, Lynn

VANCE, R. G., clin. assoc. *R.;* r.p. *R.* 1924 262 Beacon

Vanderveen, J. L., c.r.p. *An.* 1955
M. G. H.

VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943
16 Spafford Rd., Milton
Van Eerde, A., a.r.p. *An.* 1955
Paterson Gen. Hosp., Paterson, N. J.
VAN GORDER, G. W., *Bd. of Cons.*
262 Beacon
Van Nüys, F., *E.M.* 1907
338 Boston Post Rd., Weston
van Ravenswaay, A. C., *Path.* 1934
329 Main, Boonville, Mo.
van RAVENSWAAY, T., a.r.p. *Path.* M. G. H.
Van Stone, W. D., *W.S.* 1920
1578 Humboldt, Denver, Colo.
Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938
1835 Eye, N.W., Washington, D. C.
Vaughan, R. H., *E.S.* 1944
29 Needham, Dedham
Vaughan, V. C., III, *C.M.* 1943
789 Howard Ave.,
New Haven, Conn.
VEAZEY, P. M., a.r.p. *C.M.* (*C.M.* 1956) M. G. H.
Veldee, M. V., *E.M.* 1920
Stanford Research Inst.,
Stanford, Calif.
VERHOEFF, F. H., cons. c. *Oph.*
395 Commonwealth Ave.
Vial, A. B., *E.S.* 1943
2328 Fernwood, Ann Arbor, Mich.
VICKERY, A. L., Jr., a. path. M. G. H.
VICTOR, M., a.n. M. G. H.
VIETS, H. R., *Bd. of Cons.*
Longwood Towers, Brookline
Villee, Dorothy B., *C.M.* M. G. H.
VINCENT, B., hon. s. (*W.S.* 1903)
925 Boylston
Vitt, R. J., a.r.s. *Or.* 1951
793 N. Cherry Ave., Tulare, Calif.
Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio
Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med.,
Seattle, Wash.
von FELSINGER, J. M., assoc. psychol. M. G. H.
von Meysenbug, L., *C.M.* 1917 and *W.M.* 1918 Box 3536,
Daytona Beach, Fla.
Vose, R. H., *E.S.* 1897
374 Commonwealth Ave.
WADDELL, W. R., a. s. (*W.S.* 1944); r.s. 1951 M. G. H.
WADDINGTON, E. J., a.dn.s.
301 Essex, Lawrence
WAKSMAN, B. H., assoc. b. *N.* M. G. H.
Waldman, J., a.r.s. *Or.* 1949
Billings Gen. Hosp.,
Univ. of Chicago, Chicago, Ill.
Waldmann, T. A., *M.* M. G. H.
Waldron, A. M., *E.M.* 1938; a.r.p. 1939
324 S. State, Ann Arbor, Mich.
Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.
Walker, A. M., *E.M.* 1925
Dept. of Med. and Surg.,
Vet. Adm., Washington, D. C.
Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg
Walker, J. K., *Dn.* 1954
2161 Massachusetts Ave.,
Cambridge
Walker, R. H., a.r.p. *Path.* 1951; a.r.s. 1953 Med. Arts Bldg.,
Calgary, Alberta, Canada
Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield
WALLACE, R. H., clin. assoc. *S.* (*W.S.* 1929); r.s. *E.S.* 1931
264 Beacon
Wallwork, D. W., *E.S.* 1932
5 3rd, N. Andover
Walser, M., *M.* 1949; a.r.p. 1950
National Heart Inst., National Inst. of Health, Bethesda, Md.
WALTER, M. McN., Jr., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1955
McLean Hosp., Waverley
Walton, R. W., *W.S.* 1926
102 Gates Ave., Montclair, N. J.
Wang, Chiu-an, *W.S.* 1944; a.r.s. 1946
207 China Bldg.,
Hong Kong, China
Wang, Chiu-chen, r.p. *R.* 1952 M. G. H.
Wang, Yang, *M.* 1953; a.r.p. 1954
c/o Mr. John Goette, 304 E. 42nd,
New York, N. Y.
Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.
Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.
Waring, E. S., *E.M.* 1919
Fairfax, Va.
WARNER, F. A., a. *M.*
John Hancock Mut. Life Ins. Co.
Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre
Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury

Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.

WARREN, R., *Bd. of Cons.* (*W.S.* 1936) Peter Bent Brigham Hosp.

Warren, S. L., *W.M.* 1924
Med. Sch. of Univ. of California South, Los Angeles, Calif.

WASHBURN, S. L., a.r.p. *Psychiat.* M. G. H.

Waterman, G. A., *W.M.* 1901
250 Beacon

WATKINS, A. L., c. *Phys. M.* and a.p.; a.r.p. *N.* 1938 M. G. H.

Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.

Watson, John L., r.s. *U.* 1930
4010 N.W. 7th Ave., Miami, Fla.

Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.

WATSON, RICHARD H., a. *C.M.* (*C.M.* 1952); a.r.p. *C.M.* 1953
36 Sherwood Rd., Marblehead

Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.

Watts, A. B., *E.S.* 1943
2530 Cornwall Ave., Bellingham, Wash.

Watts, J. W., II, *N.* 1928 and *N.S.* 1929 4661 Garfield, N. W., Washington, D. C.

WEBSTER, E. W., physicist *R.* M. G. H.

Webster, F. P., *W.M.* 1902
10 Congress Sq., Portland, Maine

WEBSTER, H. deF., r.p. *N.* M. G. H.

WEBSTER, R. C., clin. assoc. *S.* (*E.S.* 1943); j.r.s. 1944; a. *Otolar.*
1101 Beacon, Brookline

Wedrow, E. M., r.p. *Psychiat.* 1953
205 Beacon

Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.

Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg., Wheeling, W. Va.

WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.

WEINBERGER, J. L., a. psychiat.
51 Brattle, Cambridge

WEINSTEIN, L., assoc.p. *C.M.*
Haynes Memorial Hosp., Brighton

Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd., Cleveland Heights, Ohio

WEISBERGER, D., c. *Dn.* and oral s.
188 Longwood Ave.

WEISMAN, A. D., assoc. psychiat.; r.p. *Psychiat.* 1945 464 Beacon

WEISS, ELIZABETH S., cons. for Community Relations M. G. H.

WEISS, L. L., a.r.p. *An.* M. G. H.

WELCH, C. E., v.s. (*E.S.* 1934); r.s. *E.S.* 1937 266 Beacon

WELD, G. S., *Asst. Treasurer of the Corporation* 45 Milk

Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.

WELLS, L. D., clin. assoc. *Psychiat.* 17 Court

Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little Neck, Long Island, N. Y.

Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.

WESSELHOEFT, C., cons. *M.*
315 Marlborough

WEST, F. J., a.s. *Oph.*
1101 Beacon, Brookline

West, W. W., *S.* 1948; a.r.s. 1954
Medico-Dental Bldg., Stockton, Calif.

Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester

Wheeler, Charles A., *N.S.* 1935 and *W.S.* 1938 69 West, Leominster

Wheeler, Clarence G., *S.* M. G. H.

WHEELER, E. O., a.p. M. G. H.

Wheeler, J. T., *M.* M. G. H.

Wheeler, R. R., *W.M.* 1922
5 Bay State Rd.

Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd., Columbus, Ohio

WHEELOCK, F. C., Jr., a. s. (*E.S.* 1943); a.r.s. 1949
1180 Beacon, Brookline

Whiskin, F. E., r.p. *Psychiat.* (*McL.*) 1952; r.p. *Psychiat.* 1954
344 Commonwealth Ave.

WHITE, C. J., hon. p.
259 Marlborough

WHITE, E. M., a. dir. M. G. H.

WHITE, J. C., c. *N.S.* (*W.S.* 1925); r.s. *W.S.* 1927 M. G. H.

White, Laurens P., *M.* 1950; a.r.p. 1951
32 6th Ave., San Francisco, Calif.

WHITE, LeMOYNE, assoc. psychiat. (*E.M.* 1942); r.p. *Psychiat.* 1947 M. G. H.

WHITE, P. D., *Bd. of Cons.*; cons. cardiol. (*McL.*) (*C.M.* 1911 and *W.M.* 1913); h.p. *W.M.* 1920
264 Beacon

Whitelaw, G. P., *W.S.* 1937
Mass. Memorial Hosp.

WHITFIELD, T. J., III, c.r.p. *C.M.* (*C.M.* 1954) M. G. H.
Whitford, W., *Or.* 1931
22 Roosevelt Ave., Poughkeepsie, N. Y.
WHITING, R. G., a.p.
226 Marlborough
Whittemore, J. P., *C.M.* 1946; a.r.p. *C.M.* 1947
Bellevue Hosp., New York, N. Y.
Whittemore, William S., *S.S.* 1910
3 Concord Ave., Cambridge
WHITTEMORE, WYMAN, hon. s. (*W.S.* 1906) Boyce, Va.
Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.
Wigglesworth, W. C., *E.S.* 1945
Bear Hill Rd., Harvard
Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.
Wilcox, R. E., *S.* 1949; a.r.s. 1955
107 Wilson, Beckley, W. Va.
WILKINS, E. W., Jr., a. *S.* (*W.S.* 1945); a.r.s. 1951 205 Beacon
Willetts, A. T., a.r.s. *U.* 1942
129 Summit Ave., Summit, N. J.
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p. (*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s. *Or.* 1946; r.s. *U.* 1948
33 Mulberry, Springfield
Williams, O. B., Jr., a.r.p. *An.* 1955
Parkland Memorial Hosp., Dallas, Tex.
WILLIAMS, R. C., Jr., a.r.p. (*M.* 1955) M. G. H.
WILLIAMS, V. P., a. psychiat. (*E.S.* 1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
address unknown
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.
Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950 New York Hosp., New York, N. Y.
Wilson, John C., *Or.* 1917
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John L., *E.S.* 1940; r.s. 1948
490 Post, San Francisco, Calif.
WILSON, P. D., hon. s. (*E.S.* 1914)
321 E. 42nd, New York, N. Y.
Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946 14 E. 90th, New York, N. Y.
WILSON, RICHARD V., a.r.
M. G. H.
WILSON, ROBERT F., clin. assoc. *C.M.* 113 Locust, Dover, N. H.
Winkler, J. J., a.r.p. *R.* 1928
Professional Bldg., Kansas City, Mo.
Winn, W. A., *E.M.* 1934
Springville Hosp., Springville, Calif.
Winsor, A. P., *W.M.* 1919 and *W.S.* 1921 1101 Beacon, Brookline
Wishard, W. N., Jr., *E.S.* 1927
1711 N. Capital Ave., Indianapolis, Ind.
Wolff, J., *M.* 1954
25 Bay Wood Ave., San Anselmo, Calif.
Wolff, L., *W.M.* 1924
270 Commonwealth Ave.
WOLMAN, H. M., a. *Psychiat.*
23 Bay State Rd.
Woo, Shutai Tinwong, *W.M.* 1920
Peiping Union Med. College, Peiping, China
Wood, B. S., *E.S.* 1933
751 Main, Waltham
Wood, E. C., *M.* 1951
Yale Univ. Sch. of Med., New Haven, Conn.
Wood, H. P., *M.* 1948
Pennsylvania Inst., 111 N. 49th, Philadelphia, Pa.
Wood, J. Edwin, Jr., *W.M.* 1923; r.p. *E.M.* 1923 Sch. of Med., Univ. of Virginia, Charlottesville, Va.
Wood, James A., *C.M.* 1915
214 Vineville Ave., Macon, Ga.
WOOD, W. FRANKLIN, dir. (*McL.*) McLean Hosp., Waverley
Wood, William E., *Dn.* 1940
1726 Eye, N.W., Washington, D. C.
Woodbury, H. W., *Dn.* 1948
317 S. 3rd, Las Vegas, Nev.
WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947
1101 Beacon, Brookline
Worth, T. C., *W.M.* 1938
1835 Eye, N.W., Washington, D. C.
WYMAN, R. R., a.dn.s.
53 Bay State Rd.
WYMAN, S. M., r.; j.r.p. *R.* 1942 M. G. H.

Wyngaarden, J. B., *M.* 1949; r.p. 1951
National Heart Inst., National Inst. of Health, Bethesda, Md.
Wynne, L. C., r.p. *Psychiat.* 1951
National Inst. of Mental Health, Bethesda, Md.
Wysham, D. N., *M.* 1954; a.r.p. 1955
M. G. H.
Yaffee, H. S., a.r.p. *D.* 1953
15 Everett, Cambridge
Yanagisawa, K., *Or.* 1944
50 E. 52nd, New York, N. Y.
Yankauer, A., *C.M.* 1941
New York State Dept. of Health, Albany, N. Y.
Yatsuhashi, M., *W.S.* 1945; a.r.s. 1946
66 Beals, Brookline
Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946
1641 Nuuanu Ave., Honolulu, Hawaii
Yens, O. C., *C.M.* 1930 and *W.M.* 1932 Mass. Hosp. Sch., Canton
Youmans, J. B., *E.M.* 1921
Univ. of Illinois Coll. of Med., Chicago, Ill.
Young, C., *E.S.* 1923
Med. Arts Bldg., Salt Lake City, Utah
Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937
Box 70, Raleigh, N. C.
YOUNG, E. L., hon. s. (*W.S.* 1910)
1180 Beacon, Brookline
Young, J. G., *C.M.* 1926
4005 St. Andrews Dr., Dallas, Tex.
Young, R. A., r.p. *Psychiat.* (*McL.*) 1934
21 Washington Ave., Cambridge
Zacarian, S. A., r.p. *D.* 1955
130 Maple, Springfield
ZACKS, S. I., a.r.p. *Path.* (*Path.* 1956)
M. G. H.
ZAMBON, ENES, exec. a. (*S.N.* 1929)
M. G. H.
Zamcheck, N., *Path.* 1943
Boston City Hosp.
ZAMECNIK, P. C. M., assoc.p.
M. G. H.
Zaoussis, A. L., a.r.s. *Or.* 1954
Children's Med. Center
Zartman, H. F., *C.M.* 1954
Boston City Hosp.
ZAUDY, ELEONORE C., a.p. *C.M.* 1247 Beacon, Brookline
ZEAVIN, B. H., a. *Oph.*
101 Bay State Rd.
ZELLER, J. W., assoc. p. (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline
ZETZEL, ELIZABETH R., assoc. psychiat. 14 Hubbard Pk., Cambridge
ZONDERMAN, B., a.s. *Otolar.*
314 Commonwealth Ave.
ZOVICKIAN, A., a. *Otolar.*
270 Commonwealth Ave.
Zuelzer, W. W., *C.M.* 1937
Children's Hosp., Detroit, Mich.
ZUIDEMA, G. D., a.r.s. (*S.* 1954)
M. G. H.
Zukowski, H. J., a.r.p. *An.* 1948
Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Birmingham
Edwards, W. S.
Kennedy, B. H.
Lyons, C.
Perley, A. I.
Richardson, W. R.
Shannon, P. W.

ARIZONA

Fort Defiance
Organick, A. B.
Kingman
Findlay, F. M.
Phoenix
Bendheim, O. L.
Sussman, M. L.
Tucson
Haswell, H. P.
Omer, J. A.
Rupp, J. J.
Willcox
Havemeyer, W. F.

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Bennett, C. B.
Cheney, M. C.
Perkins, W. A.
Richards, D. N., Jr.
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Berkley, H. K.
Putnam, T. J.
Carmel Valley
Tileston, W.
Glendale
Cannon, J. A.
Hollywood
Snyder, W. H., Jr.
Korbel
Kerr, W. J.
La Jolla
Kennedy, J. H.
Long Beach
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Meister, L.
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Boyes, J. H.
Chaffin, G. L.
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Goettsch, E.
Ilfeld, F. W.
Lawrence, J. S.
McKeever, F. M.
Mathews, S. S.
Miller, M. L.
Miller, R. B.
Mills, L., Jr.
Mudd, S. G.
Rose, A. S.
Scholl, A. J.
Schuler, J. D.
Sheldon, D. B.
Solomon, J.
Thompson, V. P.
Urist, M. R.
Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.
North Hollywood
Snyder, M. H.
Spiers, H. W.
Stout, K. L.
Oakland
Dunn, F. C.
Ewer, E. G.
Graeser, J.B.
Larkey, J.
Leeper, R. W.
Liu, C. T.
Moorman, H. D.
Nesche, G. E.
Owyang, P.
Richards, D. N.
Schoen, E. J.
Splithoff, C. A.
Sweet, C. D.
Thomas, R. L.
Watson, R. G.
Palo Alto
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Tanner, J. B.
Pasadena
Cosby, R. S.
Dewey, E. B.
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Newell, J. W.
Pomona
Wilcox, J. C.
Redlands
Dole, K. L.
Redwood City
Soholt, S. T.
Sacramento
Horn, C. E.
McNeil, D.
San Anselmo
Wolff, J.
San Bruno
Quinn, T. J., Jr.
San Diego
Garrity, R. W.
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San Francisco
Abbott, L. C.
Alston, E. F.
Barnett, C. G.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Campbell, C. R.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Jergesen, F. H.
Kilgore, A. R.
Levy, S. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pillsbury, P. L.
Pitkin, H. C.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
Uyeda, I.
White, L. P.
Wilson, J. L.
San Jose
Ahnlund, N. W.
McCort, J. J.
San Mateo
Hills, O. W.
Key, W. A.
Morrison, G. M.
Prindle, K. H.
Ratcliffe, J. W.
Santa Barbara
Atsatt, R. F.
Luikart, R. H., Jr.
McGovney, R. B.
Santa Cruz
Fowler, C. B.
Springville
Winn, W. A.
Stanford
Veldee, M. V.
Stockton
West, W. W.
Tulare
Vitt, R. J.
Vallejo
Mead, S.
Tyson, R. G.
Van Nuys
Stout, K. L.
West Los Angeles
Mason, E. D.

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Colorado Springs
Hartwell, J. B.
Denver
Brown, R. K.
Campbell, J. L.
Cunningham, T. D.
Dixson, I. M.
Eiseman, B.
Elrick, H. E.
Franz, E. M.
Higbee, D. R.
Hughes, H. C.
Jobe, M. C.
Lingenfelter, G. P.
MacMillan, H. A., Jr.
Makel, H. P.
Matchett, F. L.
Meader, C. N.
Mitchel, D. H.
Packard, G. B.
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Peterson, E. W.
Spencer, J. R.
Van Stone, W. D.
Greeley
Russell, H. N., Jr.

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Bridgeport
Mulford, E. H., II
Strayer, L. M., Jr.

Fairfield
Harris, H. P., Jr.

Hartford
Fairlie, C. W., Jr.
Greene, G. S.
Griggs, J. B.
Hepburn, R. H.
Jones, F. S.
Lampson, R. S.
Locke, H. L. F.
Lowell, W. H., Jr.
McPherson, S. R.
Mancall, I. T.
Ogden, R. T.
Pike, M. M.
Seigle, S. P.
Watson, J. W.

Manchester
Boyd, H.

Meriden
Aldwin, F. J.
Stewart, J. E.

New Britain
Borden, R. P.
Bosco, H. F.

New Canaan
Hiden, R. B.

New Haven
Banker, B. Q.
Chernoff, A. I.
Colwell, H. S.
Ewell, J. W.
Fuldner, R. V.
Harrison, E. R.
Hathaway, J. S.
Meigs, J. W.
Morris, J. McL.
O'Connor, D. S.
Rogers, O. F.
Sandifer, M. G., Jr.
Seabury, R. B.
Smith, H. W.
Vaughan, V. C., III
Wood, E. C.

Newington
Carey, J. M.

New London
Jones, W. N.

Norwalk
Gens, J. P.

Norwich
Kettle, R. H.

Sharon
Gevalt, F. C., Jr.

Trumbull
Flagg, J. A.

Waterbury
Cole, C. H.
Harty, J. E.

West Hartford
Egloff, F. R. L.
Johnson, P. R.
McPartland, C. B.

West Haven
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Willimantic
Ottenheimer, E. J.

DELAWARE

Wilmington
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Stoddard, J. K.

DIST. OF COLUMBIA

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Brendler, S.
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McCann, S. M.
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FLORIDA

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GEORGIA

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Augusta
Currie, R. A.
Slaughter, R. F.

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ILLINOIS

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Brues, A. M.
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Capps, R. B.
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Perkins, J. F., Jr.
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Waldman, J.
Youmans, J. B.

Evanston
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INDIANA

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KANSAS

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North Topeka
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Wichita
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Sutter, L. A.

KENTUCKY

Lexington
Barrow, D. W.
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Massie, W. K., Jr.
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Louisville
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LOUISIANA

New Orleans
DeBusk, F. L.
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Shreveport
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Reed, C. R., Jr.

MAINE

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Cumberland Centre
Sowles, H. K.

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Johnson, F. G.

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Portland
Bidwell, R. LeR., II
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Drake, E. H.
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Holt, C. L.
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McDermott, L. J.
Parker, J. M.
Robinson, C. M.
Spencer, J.
Thaxter, L. T.
Thompson, P. P., Jr.
Webster, F. P.

Rockland
Fogg, N. A.
Heath, P., Jr.

Skowhegan
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Tennants Harbor
Dennen, R. W.

Waterville
Risley, E. H.

Yarmouth
Macdonald, H. E., Jr.

MARYLAND

Baltimore
Bennett, L. F.
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Hopkins, C. E.
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McIntyre, P. A.
Meath, J. A.
Phelps, W. M.
Stunkard, A. J.
Sutherland, G. F.
Thomas, H. M., Jr.
Thompson, S. B.

Bethesda
Binion, J. T.
Federman, D. D.
Field, J. B.
Firminger, H. I.
Huggins, C. E.
Hunt, S. P.
Isselbacher, K. J.
Laster, L.
Mackie, R. W.
Pittman, J. A., Jr.
Walser, M.
Wyngaarden, J. B.
Wynne, L. C.

Salisbury
Kitts, A. W.

Takoma Park
Blunden-Morris, D. E.

Towson
Wies, D.

MASSACHUSETTS

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Warren, C. F.

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Radcliffe, E. J.

Andover
Holihan, J. P.
O'Shea, J. A.

Arlington
Carroll, W. J. E.
Cronin, T. P.
Saunders, G. A.

Attleboro
Bixby, H. I.
Hill, L. W.

Barnstable
Garran, F. W., Jr.

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Coolidge, J. C.
Gardner, G. E.
Kaufman, M. R.
Kershaw, B. R.
Semrad, E. V.

Beverly
Alt, R. E.
Bandeian, A. M.
Essember, L. J.
Parkhurst, A. E.
Risley, T. S.
Scott, D. H.
Stickney, R. C.
Todd, B. P.

Boston
Abbott, J. A.
Abramson, D.
Adams, F. D.
Adams, H. D.
Adams, J., Jr.
Adams, R. D.
Adams, R. H.
Albright, F.
Allen, A. W.
Allen, H. F.
Allison, A. C.
Allman, C. H.
Alpert, R.
Altschule, M. D.
Ames, A., III
Arrowood, J. G.
Arthur, R. J.
Atkins, L.
Aub, J. C.
Aufranc, O. E.
Ayer, J. B.
Badger, T. L.
Baggett, B.
Baird, P. C., Jr.
Bakay, L.
Baker, D. V., Jr.
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Balboni, G. M.
Balboni, V. G.
Balch, F. G.
Ballantine, H. T., Jr.
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Bandler, B.
Banks, H. H.
Barnes, B. A.
Barney, J. D.
Barr, J. S.
Barry, H., Jr.
Bartlett, M. K.
Bauer, W.
Beaman, G. B.
Beecher, H. K.
Beetham, W. P.
Behringer, G. E.
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Benedict, P. H.
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Benson, J. A., Jr.
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Brownell, G. L.
Bucher, N. L. R.
Bunker, J. P.
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East Pepperell
Swaim, L. T.

Everett
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McLaughlin, C. H.

Fall River
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Fitchburg
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Foxboro
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Bloomberg, W.
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Derow, S.
Rutherford, R. W.

Newton Highlands
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Wallwork, D. W.

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Holt, W. L., Jr.

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Faxon, N. W.

West Newton
Bennett, D. R.

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Greene, D. C., Jr.
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Van Nüys, F.

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Thorndike, W. T. S.
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Glenn, W. W. L.
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Lancaster
Smith, E. G.
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Dohan, F. C.
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Heath, R. D.
Hopkins, R. W.
Laron Z.
Ludwig, G. D.
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Simon, R. L.

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Fallon, J. T.
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McDonald, C. A.
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Donald, J. H.
Jenkins, M. T.
Martin, C. L.
Martin, J. A.
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Rosser, C.
Siperstein, M. D.
Spence, H. M
Williams, O. B., Jr.
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Smith, L. D.

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Tallon, J. B.
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Hsichow
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Nanking
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Peiping
Woo, S. T.

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Ibsen, B.

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Stovner, J.

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Bahrain
Harrison, P. W.

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A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the General Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

See also page 112 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

See also page 113 of this Report

BOSTON LINOTYPE PRINT

Mrs M. O. Evers

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One Hundred and Forty-Third

Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Waverley

For the Year
1956
Officers and Staff
1957

BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

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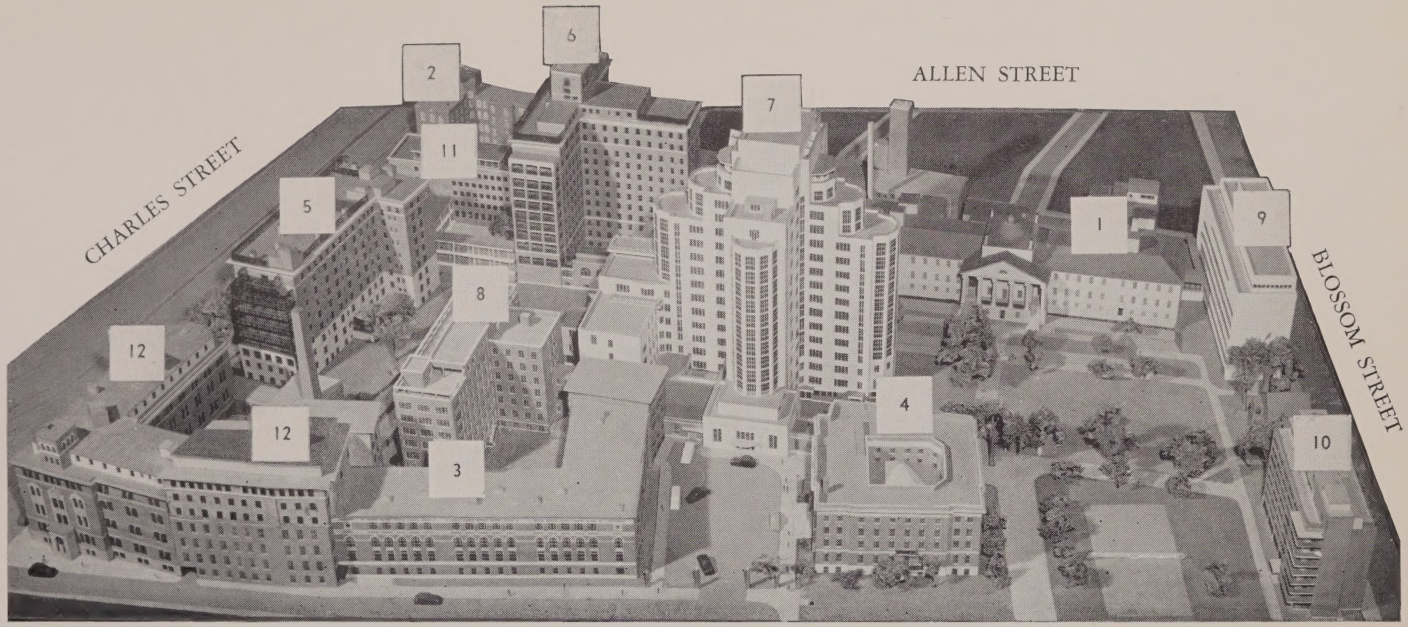

THE MASSACHUSETTS GENERAL HOSPITAL

1. Bulfinch Building (1821); 2. Thayer House Nurses' Residence (1893); 3. The Clinics Building (1903); 4. Moseley Building (1916); 5. Phillips House (1917); 6. Baker Memorial (1930); 7. George Robert White Building (1939); 8. Vincent Memorial Hospital and Burnham Memorial for Children (1947); 9. Research Building (1951); 10. Bartlett Hall Nurses' Residence (1953); 11. Warren Building (1956); 12. *Massachusetts Eye and Ear Infirmary* (1899).

One Hundred and Forty-Third Annual Report of the Trustees

OF

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston and the McLean Hospital in Waverley

For the year

1956

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Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay for private medical care, The Baker Memorial for private patients of moderate means, and the Phillips House for private patients. All three divisions are for the care of acutely ill persons, or for such chronic cases as can be substantially relieved by hospitalization of short duration.

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA 3-8200.

Arrangements for the admission of patients to the General Hospital should be made at the Admitting Office in the George Robert White Building (Extension 414).

Emergencies are admitted at any hour; arrangements should be made by telephone. Persons injured by accident or overcome by acute illness may come to the Emergency Ward at the Hospital entrance at any time.

The rate in the general wards is $21.00 per day for board plus charges for additional services, such as laboratory, X-rays, operating room and special medicine. A deposit is usually required upon admission, and bills are payable weekly thereafter in advance.

The Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary, open for admission from 8:15 to 10:00 o'clock each morning, are for patients who can not afford the cost of private medical care. Appointments may be made by mail, telephone, or personal application at the Admitting Desk.

THE BAKER MEMORIAL

Entrance: Same as the General Hospital. Telephone — LA 3-8200.

The Baker Memorial is for patients of moderate means. Arrangements for admission should be made at the Admitting Office in The Baker Memorial (Extension 446).

Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

Single, 2-bed and 4-bed rooms are offered from $21.00 to $26.00 per day plus appropriate physicians' fees and charges for additional services.

THE PHILLIPS HOUSE

Entrance: 265 Charles Street. Telephone—LA 3-8200.

Information about admission may be obtained at the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

The Phillips House offers only single rooms, from $29.00 to $40.00 per day plus charges for additional services. Attending physicians arrange their own fees

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John Gergely, M.D.
Mahlon B. Hoagland, M.D.
Roger W. Jeanloz, D.SC.
Robert B. Loftfield, M.D.
Karl Schmid, PH.D.

Associate Immunologist

Sidney Leskowitz, PH.D.

Assistant Biochemists

Billy Baggett, PH.D.
Elizabeth B. Keller, PH.D.
Morris Soodak, PH.D.
Leonard B. Spector, PH.D.

Assistant Physicist

Saul Aronow, PH.D.

Research Associate

Grace Margaret Rourke

DERMATOLOGY

Chief of Service

Chester N. Frazier, M.D.

Dermatologist

Maurice M. Tolman, M.D.

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*Through 6.30.57

Associate Dermatologists

John Adams, Jr., M.D. Walter F. Lever, M.D.

Assistant Dermatologists

Earl A. Glicklich, M.D. William R. Hill, Jr., M.D.
Robert D. Griesemer, M.D. Mildred L. Ryan, M.D.
Milton E. Helman, M.D. Robert F. Tilley, M.D.

Assistants in Dermatology

Clito R. Damiani, M.D. John E. LeDonne, M.D.
Basil C. Gray, M.D. Myron H. Matz, M.D.
Margaret B. Hussey, M.D. Philip L. McCarthy, M.D.
Charles S. Keuper, M.D. Arthur S. Spangler, M.D.

Associate Biochemist

Irvin H. Blank, PH.D.

Associate Biologist

*A. Gedeon Matoltsy, M.D.

NEUROLOGY

Chief of Service

Raymond D. Adams, M.D.

Neurologists

Madelaine R. Brown, M.D. C. Miller Fisher, M.D.
Edwin M. Cole, M.D. Robert S. Schwab, M.D.

Assistant Neurologists

John A. Abbott, M.D. Huntington Porter, M.D.
Mandel E. Cohen, M.D. Edward P. Richardson, Jr., M.D.
Philip R. Dodge, M.D. William H. Timberlake, M.D.
Vincent P. Perlo, M.D. Maurice Victor, M.D.

Assistants in Neurology

Albert C. England, Jr., M.D. Ruth E. Stauffer, M.D.
Karel van Syckel Toll, M.D.

Neurophysiologist

Mary A. B. Brazier, PH.D.

Associate Bacteriologist

Byron H. Waksman, M.D.

PSYCHIATRY

Chief of Service

Erich Lindemann, M.D., PH.D.

Psychiatrists

Paul M. Howard, M.D. George Saslow, M.D.
Alfred H. Stanton, M.D.

*On leave of absence

Associate Psychiatrists

Herbert Barry, Jr., M.D.
Gaston E. Blom, M.D.
Gerald Caplan, M.D.
Alfred O. Ludwig, M.D.
John C. Nemiah, M.D.
Gardner C. Quarton, M.D.
Peter E. Sifneos, M.D.
Avery D. Weisman, M.D.
LeMoyne White, M.D.
Elizabeth R. Zetzel, M.D.

Assistant Psychiatrists

Morris H. Adler, M.D.
Clemens E. Benda, M.D.
Morris E. Chafetz, M.D.
Lincoln D. Clark, M.D.
Daniel C. Dawes, M.D.
Volta R. Hall, M.D.
Richmond Holder, M.D.
Samuel Kaplan, M.D.
John H. Lamont, M.D.
Robert T. Long, M.D.
Maria Lorenz, M.D.
Walter Mann, M.D.
Jerome L. Weinberger, M.D.
Vernon P. Williams, M.D.

Assistants in Psychiatry

Frances J. Bonner, M.D.
Franklin Carter, M.D.
Abraham L. Finesinger, M.D.
Benjamin F. Gill, M.D.
Wallace F. Haley, Jr., M.D.
I. Paley Rak, M.D.
Jackson M. Thomas, M.D.
Harold M. Wolman, M.D.

Psychologist

John M. von Felsinger, PH.D.

Associate Psychologists

Donald C. Klein, PH.D.
Joseph D. Matarazzo, PH.D.
Lovick C. Miller, Jr., PH.D.
George A. Talland, PH.D.

Assistant Psychologist

Ruth G. Matarazzo, PH.D.

Associate Sociologist

A. Paul Hare, PH.D.

CHILDREN'S MEDICAL SERVICE

Chief of Service

Allan M. Butler, M.D.

Physicians to Children's Medical Service

Frederic M. Blodgett, M.D.
Leo B. Burgin, M.D.
John D. Crawford, M.D.
*John A. V. Davies, M.D.
Ralph A. Ross, M.D.
Nathan B. Talbot, M.D.

Associate Physicians to Children's Medical Service

T. Berry Brazelton, M.D.
William A. Dickson, M.D.
Robert N. Ganz, M.D.
Arthur J. Linenthal, M.D.
Gertrud C. Reyersbach, M.D.
*Richard C. Tefft, Jr., M.D.
Louis Weinstein, M.D.

---

*Board of Consultation 7.1.57

Assistant Physicians to Children's Medical Service

Albert Cohen, M.D.
LeRoy L. Eldredge, Jr., M.D.
†Alexander S. Nadas, M.D.
Murray E. Pendleton, M.D.
William Pfeffer, Jr., M.D.
Charles V. Pryles, M.D.
Robert T. Screery, M.D.
Mary Louise Scholl, M.D.
Marion L. Slemons, M.D.
Wilhemina Van Dyke, M.D.
Eleonore C. Zaudy, M.D.

Assistants to Children's Medical Service

John A. Duggan, M.D.
Lawrence J. Essember, M.D.
Thomas Frank, M.D.
†Elizabeth G. French, M.D.
Robert J. Haggerty, M.D.
Richard B. Kearsley, M.D.
Joseph J. McGovern, M.D.
Thomas C. Peebles, M.D.
John S. Robey, M.D.
Richard H. Watson, M.D.

†On leave of absence

SURGICAL DIVISION

GENERAL SURGERY

Chief of Surgical Services

Edward D. Churchill, M.D.

Consulting Visiting Surgeons

Leland S. McKittrick, M.D.
Joe V. Meigs, M.D.

Visiting Surgeons

Marshall K. Bartlett, M.D.
Oliver Cope, M.D.
Robert R. Linton, M.D.
†Horatio Rogers, M.D.
Richard H. Sweet, M.D.
†Grantley W. Taylor, M.D.
Claude E. Welch, M.D.

Associate Visiting Surgeons

Bradford Cannon, M.D.
Gordon A. Donaldson, M.D.
Edward Hamlin, Jr., M.D.
*Francis M. Ingersoll, M.D.
J. Gordon Scannell, M.D.
*Fred A. Simmons, M.D.

Assistant Surgeons

Charles B. Burbank, M.D.
F. Thomas Gephart, M.D.
*Ward I. Gregg, M.D.
*William V. McDermott, Jr., M.D.
John B. McKittrick, M.D.
George L. Nardi, M.D.
William C. Quinby, Jr., M.D.
William R. Waddell, M.D.
Frank C. Wheelock, Jr., M.D.

Assistants in Surgery

Richard C. Austin, M.D.
Benjamin A. Barnes, M.D.
Glenn E. Behringer, M.D.
*Thomas H. Green, Jr., M.D.
Hermes C. Grillo, M.D.
Charles G. Mixter, Jr., M.D.
*George S. Richardson, M.D.
Grant V. Rodkey, M.D.
William P. Rogers, Jr., M.D.
Paul S. Russell, M.D.
Robert S. Shaw, M.D.
Earle W. Wilkins, Jr., M.D.

*Assigned to Gynecology
†Board of Consultation 7.1.57

ANESTHESIA

Chief of Service
Henry K. Beecher, M.D.

Associate Anesthetists
John P. Bunker, M.D.
John W. D. Garrett, M.D.
Donald P. Todd, M.D.
Thorkild Waino-Andersen, M.D.

Assistant Anesthetists
Henrik Holt Bendixen, M.D.
Phillips Hallowell, M.D.

Assistant in Anesthesia
Porter H. Smith, M.D.

ENDOSCOPY

Endoscopist
Edward B. Benedict, M.D.

GYNECOLOGY

Chief of Service
Howard Ulfelder, M.D.

Staff assigned from General Surgery

NEUROSURGERY

Chief of Service
James C. White, M.D.

Visiting Neurosurgeon
William H. Sweet, M.D.

Associate Visiting Neurosurgeon
H. Thomas Ballantine, Jr., M.D.

Assistants in Neurosurgery
Louis Bakay, M.D.
Hannibal Hamlin, M.D.
Vernon H. Mark, M.D.

Associate Biochemist in Neurosurgery
Adelbert Ames, III, M.D.

Associate Physiologist in Neurosurgery
Edgar L. Gasteiger, Jr., PH.D.

Assistant Chemist in Neurosurgery
Albert H. Soloway, PH.D.

Associate Biologist in Neurosurgery
Eugene Bell, M.SC., PH.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Visiting Orthopedic Surgeons
Otto E. Aufranc, M.D.
Edwin F. Cave, M.D.
Paul L. Norton, M.D.

Assistant Orthopedic Surgeons

Thomas F. Broderick, Jr., M.D.
Thornton Brown, M.D.
Robert J. Joplin, M.D.
Eugene E. Record, M.D.
John A. Reidy, M.D.
Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery

Thomas L. DeLorme, M.D.
William N. Jones, M.D.
John D. Leidholt, M.D.
J. Drennan Lowell, M.D.
William R. MacAusland, Jr., M.D.
Morten Smith-Petersen, M.D.

Podiatrist

John F. Kelly, D.S.C.

Assistant Podiatrist

John D. McLean, D.S.C.

UROLOGY

Chief of Service

Wyland F. Leadbetter, M.D.

Visiting Urologist

Sylvester B. Kelley, M.D.

Associate Visiting Urologist

Howard I. Suby, M.D.

Assistant Urologists

Walter S. Kerr, Jr., M.D.
Saul M. Marcus, M.D.
Victor A. Politano, M.D.
Lorande M. Woodruff, M.D.

Assistants in Urology

Joshua J. Hurwitz, M.D.
Harold A. Rudy, M.D.

OBSTETRICS

Associate Obstetricians

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
Samuel B. Kirkwood, M.D.
G. Douglas Krumbhaar, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.

Assistant Obstetricians

Daniel Abramson, M.D.
Christopher J. Duncan, M.D.
Luke Gillespie, M.D.
Richard H. Grogan, M.D.
Daniel H. Hindman, M.D.
Herbert T. Leighton, M.D.
George E. May, M.D.
Francis Rouillard, M.D.
Weston F. Sewall, M.D.
Bartlett H. Stone, M.D.
Charles L. Sullivan, M.D.
Benjamin Tenney, Jr., M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
Henry J. Carney, D.M.D.
George Christman, D.M.D.

Dental Surgeons

Peter A. Dempsey, D.M.D.
Walter C. Guralnick, D.M.D.
Owen W. Kite, D.D.S.
Glenn W. Lawrence, D.M.D.
Robert G. Rae, D.M.D.
Frank I. Rhodes, D.M.D.
Charles E. Rounds, D.M.D.
John C. Stanton, D.M.D.

Assistant Dental Surgeons

Harold A. Bratt, D.M.D.
William L. Cosgrove, D.M.D.
Charles W. Crowley, D.M.D.
Herman DeWilde, D.M.D.
Charles H. Endee, D.M.D.
Frederick J. Feeney, D.M.D.
Burton J. Gove, D.M.D.
Gilman W. Haven, D.D.S.
Henry D. Howe, D.M.D.
Julius J. Levitan, D.M.D.
Robert C. Lincoln, D.M.D.
Richard L. Miner, D.D.S.
George M. Noss, D.M.D.
Morton J. Olin, D.M.D.
Symon C. Polansky, D.M.D.
Frederick K. Poulin, D.M.D.
Keith A. Shangraw, D.M.D.
Norman Trieger, D.M.D.
Earl J. Waddington, D.M.D.
R. Ronald Wyman, D.M.D.

DEPARTMENTS

PATHOLOGY

Chief of Department

Benjamin Castleman, M.D.

Associate Pathologists

Robert E. Scully, M.D.
Edgar B. Taft, M.D.
Austin L. Vickery, Jr., M.D.

Assistant Pathologists

Richard B. Cohen, M.D.
Winfield S. Morgan, M.D.
Agnes Burt Russfield, M.D.
David Spiro, M.D., PH.D.

Associate Visiting Pathologist

Ronald C. Sniffen, M.D.

Assistants in Pathology

Leonard Atkins, M.D.
Priscilla Dienes Taft, M.D.

Neuropathologist

Raymond D. Adams, M.D.

Associate Neuropathologists

C. Miller Fisher, M.D.
Edward P. Richardson, Jr., M.D.

Consultants in Forensic Pathology

William J. Brickley, M.D.
Michael A. Luongo, M.D.

BACTERIOLOGY

Assistant Bacteriologist

Lawrence J. Kunz, PH.D.

Consulting Bacteriologist

Louis Dienes, M.D.

RESEARCH CHEMISTRY

Biochemist
Fritz Lipmann, M.D.

Associate Biochemists
John D. Gregory, PH.D. Mary Ellen Jones, PH.D.

RADIOLOGY

Chief of Department
Laurence L. Robbins, M.D.

Radiologists
Joseph Hanelin, M.D. Milford D. Schulz, M.D.
Stanley M. Wyman, M.D.

Associate Radiologist
John D. Reeves, M.D.

Assistant Radiologists
William J. Brown, Jr., M.D. Jack R. Dreyfuss, M.D.
Paul M. St. Aubin, M.D.

Assistant in Radiology
Richard G. O'Brien, M.D.

Engineer
Oliver E. Merrill, B.E.E.

Physicist
Edward W. Webster, PH.D.

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

Assistant in Physical Medicine
John J. Lorentz, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultant in Contagious Diseases
Edwin H. Place, M.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.

Consultant in Surgery
Augustus Thorndike, M.D.

Consultants in Medicine
Benjamin G. Ferris, M.D. Conrad Wesselhoeft, M.D.

Consultants to Children's Medical Service
William Berenberg, M.D. Louis K. Diamond, M.D.
Stewart H. Clifford, M.D. Clement A. Smith, M.D.

Consultant in Neurosurgery
Oscar Hirsch, M.D.

Consultants in Physics
Robley D. Evans, PH.D. John G. Trump, D.SC.

Consultant in Neurophysiology
Alexander Forbes, M.D.

Consultant in Biomechanics
Robert J. Hansen, D.SC.

ASSOCIATE STAFF

Clinical Associates in Medicine
John R. Graham, M.D. Sylvester McGinn, M.D.
J. Evarts Greene, M.D. Henry D. Stebbins, M.D.
David Littmann, M.D. Frederic Tudor, M.D.
Arthur A. Wills, Jr., M.D.

Clinical Associates in Dermatology
Alan P. Freedberg, M.D. John L. Fromer, M.D.
James F. Patterson, M.D.

Clinical Associates in Children's Medicine
Doris R. Bennett, M.D. William F. Ketchum, M.D.
Ralph W. Daffinee, M.D. Joseph L. Lewis, M.D.
Edward C. Dyer, M.D. Francis C. McDonald, M.D.
John G. Flynn, M.D. James A. O'Shea, M.D.
Theodore S. Golden, M.D. Walter Pick, M.D.
Robert F. Wilson, M.D.

Clinical Associates in Psychiatry
Lionelle D. Wells, M.D.

Clinical Associates in Surgery

Donald V. Baker, Jr., M.D.
Martin J. Bellinger, M.D.
Chester J. Dexter, M.D.
George F. Emerson, M.D.
Gerald G. Garcelon, M.D.
Walter E. Garrey, M.D.
John B. Graham, M.D.
Irad B. Hardy, Jr., M.D.
Joseph A. Holmes, M.D.
Roy E. Mabrey, M.D.
George A. Marks, M.D.
William K. McClelland, M.D.
Carroll C. Miller, M.D.
Joseph E. Murray, M.D.
Spiros P. Sarris, M.D.
James M. Shannon, M.D.
Lamar Soutter, M.D.
*George S. Speare, M.D.
John W. Spellman, M.D.
Richard H. Thompson, M.D.
Masao Yatsuhashi, M.D.

Clinical Associates in Neurosurgery

Samuel Lowis, M.D.
Jost J. Michelsen, M.D.
Bertram Selverstone, M.D.

Clinical Associate in Urology

Emil J. Ganem, M.D.

Clinical Associates in Radiology

H. Peter Mueller, M.D.
Richard Schatzki, M.D.

Clinical Associates in Orthopedic Surgery

Williams Cochran, M.D.
Louis Nathan, M.D.

Clinical Associates in Dentistry

Merton W. Foss, D.M.D.
Daniel J. Holland, Jr., D.M.D.
Howard C. Reith, D.M.D.
Edward L. Sleeper, D.D.S.
Ralph D. Thompson, D.M.D.

CLINICAL ASSISTANTS

Medicine

Walter H. Caskey, M.D.
Leo J. Cass, M.D.
Winnifred P. Chase, M.D.
William Bailey Clapp, M.D.
John C. Dalton, M.D.
Albert I. C. DeFriez, M.D.
Ellis Dresner, M.D.
Irving H. Itkin, M.D.
Louis Kunian, M.D.
Marc "P" Moldawer, M.D.
Edward S. Rendall, M.D.
Raymond J. Savignac, M.D.
John H. Sisson, M.D.
Edward J. Welch, M.D.
Gordon D. Winchell, M.D.

Dermatology

Lester J. Bienvenu, M.D.
Nicholas J. Fiumara, M.D.

Psychiatry

Norman R. Bernstein, M.D.
Paul L. Dunstan, M.D.
Howard T. Hermann, M.D.
Maxwell G. Potter, M.D.

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*Board of Consultation 7.1.57

Surgery

Frank Cesare, M.D.
Frederick McA. Davies, M.D.
James M. Doonan, M.D.
Herbert A. Durfee, Jr., M.D.
Frank W. Garran, Jr., M.D.
Paul F. Gryska, M.D.
Knowles B. Lawrence, M.D.
Theodore M. Leary, M.D.
Phyllis MacNeil, M.D.
Raymond E. Militzer, M.D.
Albert S. Murphy, M.D.
Aram Roopenian, M.D.
John L. Rowbotham, M.D.
Clarke Staples, M.D.
Eugene Guralnick, M.D.

Orthopedic Surgery

Melvin J. Glimcher, M.D.
Verner S. Johnson, M.D.
Richard A. Mayo, M.D.

Neurosurgery

Bernard B. Stone, M.D.

Urology

Nelson L. Portnoy, M.D.

Radiology

Anne R. O'Donnell, M.D.
James A. Petersen, M.D.

HOUSE STAFF

Residents and Interns

As of January 1, 1957, with subsequent appointments

Medicine

Chief Resident:
Stephen Martin Krane, M.D.

Residents:

Daniel K. Bloomfield, M.D.
Leslie J. DeGroot, M.D.
William L. Morgan, Jr., M.D.
John C. Rowe, M.D.
Katharine E. Spreng, M.D.
Yang Wang, M.D.
Bruce J. Sams, Jr., M.D.—July 1

Assistant Residents:

A. Robert Arnstein, M.D.
Richard M. Barry, M.D.
Carl N. Brownsberger, M.D.
John R. David, M.D.
Thomas G. Gabuzda, M.D.
Lester H. Grant, M.D.
Charles S. Keevil, Jr., M.D.
David J. L. Luck, M.D.
John A. Mills, M.D.
Mitchell T. Rabkin, M.D.
Allan I. Sandler, M.D.
Arthur A. Sasahara, M.D.
Charles P. Summerall, III, M.D.
Donald N. Wysham, M.D.
Fred B. Ballard, Jr., M.D.,—July 1
Herbert J. Levine, M.D.—July 1

Interns:

Arthur F. Amick, M.D.
Paul H. Black, M.D.
Norman K. Brown, M.D.
Leon I. Goldberg, M.D.
Edgar Haber, M.D.
John W. Josse, M.D.
Arnold M. Katz, M.D.
Herbert E. Kaufman, M.D.
William M. O'Brien, M.D.
Robert K. Osborne, M.D.
James A. Rose, M.D.
John D. Turner, M.D.
Arnold N. Weinberg, M.D.

Dermatology

Resident:
Ruth K. Freinkel, M.D.

Assistant Residents:
Herbert L. Kraut, M.D.
E. William Rosenberg, M.D.—July 1

Neurology

Residents:
Wayne M. Hebertson, M.D.
William E. Karnes, M.D.

Assistant Residents:
Richard F. Mayer, M.D.
David A. Drachman, M.D.—July 1
Ernest H. Picard, M.D.
Paul R. McHugh, M.D.—July 1
Raymond L. Robillard, M.D.
Hugo W. Moser, M.D.—July 1
Irving Zieper, M.D.—July 1

Psychiatry

Resident:
Philip H. Leiderman, M.D.

Assistant Residents:
Jacqueline Gauthier, M.D.
Egbert H. J. Mueller, M.D.

Children's Medicine

Chief Resident:
Thomas J. Whitfield, III, M.D.

Resident:
William R. Buchanan, Jr., M.D.

Assistant Residents:
Robert D. Breer, M.D.
Robert H. Richie, Jr., M.D.
Sylvia A. Davies, M.D.
David B. Shurtleff, M.D.
Jan-Henrik Probst, M.D.
Margaret A. Single, M.D.
Paul M. Veazey, M.D.

Interns:
John P. Connelly, M.D.
Gerhard Nellhaus, M.D.
Nathan H. Fearer, M.D.
Renée B. O'Sullivan, M.D.
Nathan T. Griscom, M.D.
Philip J. Porter, M.D.

Surgery

Residents:
John F. Burke, M.D.
Robb H. Rutledge, M.D.

First Assistant Residents:
Richard R. Curtin, M.D.
William H. Hendren, III, M.D.
John M. Head, M.D.
Benjamin B. Jackson, M.D.
John A. Malcolm, M.D.

Second Assistant Residents:
Arthur E. Baue, M.D.
Gilbert Hermann, M.D.
David L. Collins, Jr., M.D.
Charles E. Huggins, M.D.
John D. Constable, M.D.
Walter E. Klingensmith, M.D.
Ralph C. Darling, Jr., M.D.
George B. Murphy, Jr., M.D.
Oscar S. DePriest, III, M.D.
Eugene R. Nobles, Jr., M.D.
Harry B. Ditmore, Jr., M.D.
Stuart E. Price, Jr., M.D.
Edward L. Ferguson, M.D.
Judson G. Randolph, M.D.
Ira A. Ferguson, Jr., M.D.
Farrokh Saidi, M.D.
Donald J. Glotzer, M.D.
Giles D. Toll, M.D.

Third Assistant Residents:

William G. Austen, M.D.
A. Erik Gundersen, M.D.
Stephen E. Hedberg, M.D.
Ronald A. Malt, M.D.
John A. Mannick, M.D.
Charles F. McKhann, III, M.D.
Edwin W. Salzman, M.D.
Quentin R. Stiles, M.D.
Harold C. Urschel, M.D.
George D. Zuidema, M.D.

Interns:

Bob Bullwinkel, M.D.
Louis H. Edmunds, Jr., M.D.
Jack J. Greenberg, M.D.
John W. Grover, M.D.
Dale G. Johnson, M.D.
Donald M. McKee, M.D.
Alfred E. Miller, M.D.
Anthony P. Monaco, M.D.
Abdollah Gashgai, M.D.—July 1

Neurosurgery

Resident:

Federico Mora, M.D.

Assistant Residents:

Raymond N. Kjellberg, M.D.
Alfred J. Luessenhop, M.D.
John Mealey, Jr., M.D.
Dagoberto Sosa, M.D.
Robert G. Ojemann, M.D.—July 1
Richard L. Rovit, M.D.—July 1

Anesthesia

Residents:

Donald P. Pederson, M.D.
Frederick S. McAlpine, M.D.
—Apr. 1

Assistant Residents:

Robert H. Hansen, M.D.
Susanne J. Lamdin, M.D.
John E. Mazuzan, Jr., M.D.
Geraldine M. Peiffer, M.D.
Barbara E. Waud, M.D.—July 1

Orthopedics

Residents:

Howard S. Cameron, M.D.
James F. Donovan, M.D.

Assistant Residents:

Tucker A. Barth, M.D.
Gardner F. Fay, M.D.
Robert P. Fornshell, M.D.
William H. Harris, M.D.
Robert E. Key, M.D.
John B. Tallon, M.D.
Douglas G. Tompkins, M.D.
Shen Kuang Wang, M.D.
John R. Huckell, M.D.—July 1

Urology

Resident:

Hermann K. Schueler, M.D.

Assistant Residents:

Guy W. Leadbetter, Jr., M.D.
Austin F. O'Malley, M.D.
Edward C. Parkhurst, M.D.
James H. Duxbury, M.D.—July 1

Pathology

Assistant Residents:

Alexander Breslow, M.D.
G. Richard Dickersin, M.D.
Reynout Donner, M.D.
Robert S. Harper, M.D.
Elliott L. Mancall, M.D.
Allan B. McNie, M.D.
William M. Thurlbeck, M.D.
Theodore van Ravenswaay, M.D.
Sumner I. Zacks, M.D.

Interns:

Richard T. N. Hunt, M.D.
Sanford I. Roth, M.D.

Neuropathology

Resident: Walter C. Cotter, M.D.

Assistant Resident: Elliott L. Mancall, M.D.

Radiology

Residents:

Roy J. Barry, M.D.
Majic S. Potsaid, M.D.

Assistant Residents:

William R. Blade, M.D.
Kiyokazu J. Momose, M.D.
Richard C. Packert, M.D.
John T. Pollard, Jr., M.D.
Robert S. Richards, M.D.
Alfred L. Weber, M.D.
Jeannette A. Hovsepian, M.D.—July 1

Dental

Interns:

Irwin I. Ship, D.M.D.
John B. Taylor, D.D.S.

CLINICAL AND RESEARCH FELLOWS

Medicine

Alan C. Aisenberg, M.D.
Mary Day Albert, PH.D.
John Anderson, M.D.
Peter R. Bally, M.D.
William H. Batchelor, M.D.
John F. Bertles, M.D.
Arthur E. Brown, M.D.
Curtland C. Brown, Jr., M.D.
Beverly W. Cobbs, Jr., M.D.
Alan S. Cohen, M.D.
John L. Decker, M.D.
John Denovian, M.D.
Elias C. Dow, M.D.
John H. Fessler, PH.D.
Rodman B. Finkbiner, M.D.
Pablo E. Fletcher, M.D.
Sen-itiro Hakomori, M.D.
Richard A. Joske, M.D.
Arthur Klein, M.D.
Heinz Kohler, PH.D.
Bror-Axel Lamberg, M.D.
Charles I. Levene, M.D.
Jorge L. Litvak, M.D.
William B. Looney, M.D.
Alden V. Loud, PH.D.
Donald B. Martin, M.D.
Josip Matovinovic, M.D.
George Martz, M.D.
Edwin P. Maynard, III, M.D.
John F. McGinty, M.D.
Allan U. Munck, PH.D.
Renee G. Naves, PH.D.
Lot B. Page, M.D.
Maurice M. Pechet, M.D.
Joseph R. Petranek, M.D.
Sholem Postel, M.D.

William S. Quigley
Alfredo A. Ramirez, M.D.
Albert O. Seeler, M.D.
William H. Shafer, M.D.
Munir H. Shamma'a, M.D.
John T. Sharp, M.D.
Mary L. Stephenson, PH.D.
Pierre J. Stoffyn, PH.D.
Zofia Tarasiejaka, PH.D.
Charles V. Treat, M.D.
John B. Vander, M.D.
Stanley Wallach, M.D.
John R. Ward, M.D.
Joseph O. Wehrmuller, PH.D.
Claribel Westermeyer, M.D.

Dermatology

Lazlo L. Fekete, M.D.
Edmund Klein, M.D.
Sabino J. Sinesi, M.D.

Psychiatry

Robert S. Adams, M.D.
Ramon Alcerro-Castro, M.D.
Charles H. Belcher, M.D.
Howard T. Blane, M.A.
George Chalpin, M.D.
Herbert S. Cline, M.D.
Gerald E. Davidson, M.D.
Hugo del Bosque, M.D.
Frederick J. Duhl, M.D.
Nancy A. Durant, M.D.
Thomas P. Hackett, M.D.
Golda J. Eversmeyer Haggard, M.D.
Lee Jackson, M.D.
Wallace A. Kennedy, M.A.
Philip E. Kubzansky, M.D.
Gloria F. Leiderman, PH.D.
Robert J. Lifton, M.D.
Zenos McP. Linnell, M.D.
Theodore O. Macklin, A.B.
Jack H. Mendelson, M.D.
Emil J. Pawlowski, M.D.
Richard R. Peebles, PH.D.
Edward J. Rosen, M.D.
William Sharpe, Jr., M.D.
Richard H. Smith, M.D.
Ingrid Sondergaard, M.D.
Taeko Sumi, M.D.
Leonard Weiner, M.D.
Babette S. Whipple, PH.D.
Martha S. White, PH.D.

Children's Medical Service

Hedda Acs, M.D.
Mary L. B. Arnold, M.D.
Mary P. S. Coley, M.D.
Alexander N. Drescher, M.D.
Stuart Q. Flerlage, Jr., M.D.
Donald A. Hillman, M.D.
Marcia K. Iddles, M.D.
John H. Lamont, M.D.
Zvi Laron, M.D.
Naomi M. Morris, M.D.
Olcay R. Neyzi, M.D.
Claude E. Raynaud, M.D.

Neurology

Karl-Erik Aström, M.D.
John S. Barlow, M.D.
Carl J. Bridge, M.D.
Salomon Hakim, M.D.
William E. Karnes, M.D.
Herbert R. Karp, M.D.
Eric H. Lenneberg, PH.D.
Cesare T. Lombroso, M.D.
Gilles G. C. Lyon, M.D.
David C. Poskanzer, M.D.
Herbert A. Ravin, M.D.
Fernando Rosas-Pena, M.D.
Marie Sadka, M.D.

Neuropathology

Miriam W. Carmichael, M.D.
John R. Hills, M.D.
Robert F. Kibler, M.D.
Haruo Matsuyama, M.D.
Francoise J. Robert, M.D.
Henry D. Webster, M.D.

Physical Medicine

Oswald D. Cinquegrana, M.D.
Sung Jui Liao, M.D.

Surgery

Rafael Morales Casas, M.D.
William P. Corvese, M.D.
Timothy S. Harrison, M.D.
Rudolph J. Junda, M.D.
Anthony J. Leonsins, M.D.
Hugo M. Palazzi, M.D.
Anne Wight Phillips, M.D.
Clorinda S. Smith, M.D.
George T. Watts. M.D.
D. Albert Young, M.D.
Alexandro A. Zacharias, M.D.

Neurosurgery

Howard J. Bagnall, M.D.
Erik H. C. Heidensleben, M.D.
Theodor F. Hueter, PH.D.
John A. Scholl, M.D.
Simon Thiry, M.D.

Orthopedics

Carol Meyers, M.D.

Anesthesia

Aileen K. Adams, M.D.
James E. Anliker, PH.D.
Haroutioun A. Aprahamian, M.D.
Dirk Baier, M.D.
William R. Brewster, Jr., M.D.
Chun Hyun Cho, M.D.
Adolfo C. Coussirat, M.D.
Risto Eerola, M.D.
Felix G. Freund, M.D.
Joachim S. Gravenstein, M.D.
Mervyn Jeffries, M.D.
Soren Jorgensen, M.D.
Jorgen A. Kirchhoff, M.D.
Bernhard Laukenmann, M.D.
Marie-Louise Levy, M.D.
Thomas E. Macnamara, M.D.
Spyros G. Macris, M.D.
Gian Paolo Novelli, M.D.
Claus W. Reichle, M.D.
Gene M. Smith, PH.D.
Alfred D. Surtees, M.D.
James Leo Vanderveen, M.D.

Pathology

Luis Loret de Mola, M.D.
Hugh R. Dudley, M.D.
Martin E. Etchart, M.D.
Walter B. King, M.D.
Joseph D. Sabella, M.D.
Richard J. Taylor, M.D.

Radiology

Conway J. Don, M.D.
Walter Frommhold, M.D.
Fleming McConnell, M.D.
Germán Sánchez-Checá, M.D.
Robert W. Spicher, M.D.
Maurice Thibault, M.D.

Biochemistry

George Acs, M.D.
Furio D'Abramo, PH.D.
Jacob S. Mager, M.D.
Yoshitsugu Nose, M.D.
Harry D. Peck, Jr., PH.D.
Murray Rabinowitz, M.D.
Phillips W. Robbins, PH.D.
Nathan Sharon, PH.D.
Samuel B. Weiss, PH.D.

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 185

The Ophthalmological and Otolaryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE AND EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology

Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology

Frederick H. Verhoeff, M.D.

Surgeons in Ophthalmology

Paul A. Chandler, M.D.
William P. Beetham, M.D.
Virgil G. Casten, M.D.
Trygve Gundersen, M.D.
David G. Cogan, M.D.
Brendan D. Leahey, M.D.

Associate Surgeons in Ophthalmology

Hugh C. Donahue, M.D.
Mahlon T. Easton, M.D.
Albert E. Sloane, M.D.

Assistant Surgeons in Ophthalmology

Edward E. Covitz, M.D.
Paul G. Haire, M.D.
Garrett L. Sullivan, M.D.
*S. Forrest Martin, M.D.
Thomas Cavanaugh, M.D.
Henry A. Mosher, M.D.
Earl S. Seale, M.D.
A. William Collinson, M.D.
Carl C. Johnson, M.D.
Abraham Pollen, M.D.
Sumner D. Liebman, M.D.
Harry E. Braconier, M.D.
Karl Riemer, M.D.
W. Morton Grant, M.D.
Charles H. MacLaughlin, M.D.
Francis J. West, M.D.
Joseph M. Clough, M.D.
Charles L. Schepens, M.D.
Henry F. Allen, M.D.
Julian F. Chisholm, Jr., M.D.
Richard B. Pippitt, M.D.

Assistants in Ophthalmology

D. Robert Albert, M.D.
Peter Beck, M.D.
S. Arthur Boruchoff, M.D.
Frederic B. Breed, M.D.
Robert J. Brockhurst, M.D.
S. James Bullington, M.D.
Richard B. Chapman, M.D.
Thomas P. Cronin, M.D.
David D. Donaldson, M.D.
Edwin B. Goodall, M.D.

*On leave of absence

Warren D. Haley, M.D.
Linley C. Happ, M.D.
Robert J. Herm, M.D.
John M. Hill, M.D.
Paul D. Hurley, M.D.
Irwin T. Mancall, M.D.
D. Franklin Milam, Jr., M.D.
Arthur M. Morrissey, M.D.
Bertha Offenbach, M.D.
Ichiro D. Okamura, M.D.
Irving L. Pavlo, M.D.
Charles D. J. Regan, M.D.
Paul M. Runge, M.D.
Alfred W. Scott, M.D.
David H. Scott, M.D.
William Stone, Jr., M.D.
Robert R. Trotter, M.D.
*Bernard H. Zeavin, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Chief of Otology and Laryngology
LeRoy A. Schall, M.D.

Surgeons in Otolaryngology
Francis L. Weille, M.D.
Maurice G. Evans, M.D.
Vincent J. Kelley, M.D.
Charles H. Allman, M.D.
Walter J. E. Carroll, M.D.
Philip E. Meltzer, M.D.

Associate Surgeons in Otolaryngology
John R. Frazee, M.D.
Joseph Lentine, M.D.
Burton E. Lovesey, M.D.
J. Charles Drooker, M.D.
Herman J. Sternstein, M.D.
Donald K. Lewis, M.D.
Daniel Miller, M.D.
John E. McKeigue, M.D.

Assistant Surgeons in Otolaryngology
Elizabeth DeBlois, M.D.
Frank R. Shlossberg, M.D.
Bernard Zonderman, M.D.
Charles Kent, M.D.
Edward F. Lawlor, M.D.
Maurice Ruben, M.D.
Kenneth A. Kazanjian, M.D.
George F. Reed, M.D.

Assistant Surgeon for Plastic Operations
Aram Roopenian, M.D.

Assistants in Otolaryngology
Hugo D. Angelini, M.D.
Lawrence S. Hirsch, M.D.
Robert E. Klotz, M.D.
Frederic J. McIntire, Jr., M.D.
William W. Montgomery, M.D.
William P. Rogers, Jr., M.D.
Morris Swartz, M.D.
Sidney R. Wilker, M.D.
Anthony Zovickian, M.D.

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*On leave of absence

One Hundred Forty-Third Report of the Trustees

IN the early part of the year the Hospital was the grateful recipient of a grant from the Ford Foundation in the amount of $250,000. This was its share of a distribution to hospitals made by the Foundation which constituted in the aggregate the largest grant of its kind ever made in the history of the country. After careful consideration is was decided to turn over an appropriate portion to the Vincent Memorial Hospital and to spend the balance in expending the services of the Ambulatory Clinic.

The lack of adequate parking space continues to be a real problem. However, the demolition of the buildings at 20, 22, 24, 26, 28 and 30 North Anderson Street improved the situation. Furthermore, blacktopping of our entire area bounded by North Anderson Street on the East and Cambridge Street on the South as well as the employment of professionals to direct the individual parkers has been a material step in the right direction.

After many years of consideration, discussion, and organization the Massachusetts General Staff Associates are now established and are receiving patients in the new Warren Building.

A new second floor corridor connecting the Baker Memorial, the Phillips House and the White Building X-Ray Departments was completed. This will facilitate the handling of patients having X-Rays and will eliminate the need for them to take the extensive trips along the public corridors and in the elevators which have in many cases been necessary in the past.

The constantly ascending cost of operating the various facilities of the Hospital required an increase in room and board rates by $3.00 per day in all of the units and an increase of 50¢ per visit in the clinic rates.

Ether Day was celebrated on October 16, 1956, in accordance with the annual custom. It included the awarding of service pins to doctors and employees.

One of the principal events of the year was the opening of the Warren Building constructed at a cost of approximately $4,000,000. It was so named as a tribute to the Warren family, distinguished members of which served the Hospital continuously for a long period of years.

Originally designed as a five-story unit in 1951, the plans were revised in 1955 for a twelve-story structure because of the great demand for more space for laboratories, private and semi-private patient beds and doctors' offices. The building is located on Charles Street between the Baker Memorial and the Phillips House. Three floors will house the Pathology Department and four other floors will be devoted to clinical and research laboratories for Neurology, Neurosurgery, Psychiatry, and Dermatology. In adition, the new building will eventually provide patient areas. The increased space and improved facilities will contribute to better patient care and should attract able research workers and expand research activities, as well as strengthen the teaching programs in which the Harvard Medical School and the Hospital have been closely associated for nearly a century and a half.

The opening of the Warren Building took place at a luncheon and dedicatory exercises held on December 3, 1956, at which the principal speaker was Dr. Wilder Graves Penfield.

The Warren Triennial Prize Lectures were delivered on December 5, 1956. One was delivered by Dr. Arthur Kornberg, Professor of Microbiology, Washington University School of Medicine, who spoke on "The Biosynthesis of Deoxyribonucleic Acid" and the other by Dr. Severo Ochoa, Professor of Biological Chemistry, New York University College of Medicine, who spoke on "The Biosynthesis of Ribonucleic Acid."

The so-called West End Redevelopment Project has been much in the news and there is reason to believe that it will start its long road to completion in the near future. It is anticipated that approximately forty-eight acres lying generally between the Hospital and the North Station will be razed and that this area will eventually be occupied by modern medium-priced apartments, with generous portions of land left for lawns, parking spaces, and stores. It is hoped that the final layout will include for the benefit of the Hospital additional parking space.

During the year there was established in honor of Dr. Joseph C. Aub a fund which is to be used to support cancer research.

The meeting of the Scientific Advisory Committee was held on December 14 and 15. This Committee now consists of:

William B. Castle, M.D., Professor of Medicine, Harvard University

George R. Harrison, Ph.D., Massachusetts Institute of Technology

Colin M. MacLeod, M.D., Professor of Research Medicine, University of Pennsylvania

Linus Pauling, Ph.D., Professor of Chemistry, California Institute of Technology

Seymour S. Kety, M.D., Associate Director, National Institute of Neurological Diseases and Blindness, United States Public Health Service, Bethesda, Maryland

René J. Dubos, M.D., Rockefeller Institute for Medical Research

The Committee is rendering valuable services to the Hospital in reviewing its general scientific program and in formulating plans for future years.

After long negotiations, lasting over several years, the Harvard Medical School and its affiliated Teaching Hospitals have arrived at an agreement for a joint effort in a drive to raise funds for the Medical School and its academically related hospitals. This does not in any way preclude the participating hospitals from raising funds for their budgets or for capital needed for the future growth of each hospital. Mr. William M. Rand will lead the drive and it is hoped that large sums may be raised, primarily from Foundations.

Dr. W. Franklin Wood, after many years of devoted service and leadership at the McLean Hospital, retired last spring and is now Director Emeritus. An *ad hoc* committee recommended Dr. Alfred Stanton to fill the vacancy caused by Dr. Wood's retirement. Dr. Stanton has ably assumed his new duties and it is expected that under his leadership the McLean will continue to improve its usefulness and efficiency.

Work has continued in converting all of the electrical equipment of the Hospital from direct current to alternating current,

a necessary improvement which it is estimated will cost approximately $400,000. Other items costing in the aggregate approximately $115,000 include:

1. Purchase of a new X-Ray Unit for Phillips House and the furnishing of an X-Ray Waiting Room
2. Alterations of the White Building Solaria
3. Completion of a new roof on the Bulfinch Building
4. Renovations to the Ether Dome
5. Renovations of the 7th and 9th floors of the Baker Memorial Building
6. Installation of an intercommunication system on the 7th floor of Baker Memorial Building
7. Alterations required as the result of the moving of certain laboratories and offices to the Warren Building

The retirement of the following, each of whom has made notable contributions to the Hospital, should be recorded: Dr. Joseph C. Aub, former Head of the Huntington Laboratory and now a Member of the Board of Consultation; Dr. Carl A. L. Binger, Consulting Visiting Psychiatrist; and Miss Eleanore A. Lewis, Librarian in charge of the Treadwell Library for the past fifteen years.

Also recorded with regret are the resignations of the following: Dr. Bernard D. Briggs, Associate Anesthetist; Dr. Robert C. Coe, Assistant in Surgery; Dr. Elbert P. Tuttle, Assistant in Medicine; Dr. John B. Graham, Assistant Surgeon; Mrs. Ruth M. Graham, Clinical Cytologist; Dr. Ruth C. Haynes, Assistant in Anesthesia; Dr. Richard V. Wilson, Assistant Radiologist; Dr. Jerome K. Merlis, Clinical Associate in Neurology; and Dr. Elliott H. Sweetser, Clinical Associate in Psychiatry.

During the year leaves of absence were granted to Dr. Walter Bauer, Dr. Edward D. Churchill, and Dr. Harriet L. Hardy. Dr. Churchill spent three weeks in the Middle East at the request of the Department of Defense.

Mr. Elliott Lee Richardson was elected Secretary of the Corporation last year. He is now on a leave of absence having been appointed Assistant Secretary of Health, Education and Welfare in Washington, D. C. Mr. George S. Weld, the Assist-

ant Treasurer, has been appointed Secretary to serve in Mr. Richardson's place.

The following deaths are reported with regret:

Dr. Benjamin Harrison Ragle died on May 1. He was a graduate of the East Medical Service, having been first appointed to the Staff in 1917. He served through various grades until February, 1937, when he was appointed to the Board of Consultation, a position he held at the time of his death.

Dr. Robert B. Osgood died on October 2. He was a graduate of the West Surgical Service in 1900. He was appointed Chief of the Orthopedic Service in 1919 resigning from this position in 1922. He was appointed to the Board of Consultation in 1931. He became Honorary Surgeon in 1945, which appointment he held at the time of his death.

HENRY R. GUILD
RALPH LOWELL
For the Trustees

Report of the General Director

To the Trustees of The Massachusetts General Hospital:

IT is an honor to submit herewith the Annual Report of the Hospital for the year 1956, my eighth as General Director.

Certainly the outstanding event of this year was the opening of the Warren Building for laboratories and offices and, eventually, beds.

One significant point about the construction of the Warren Building is especially noteworthy. The Trustees considered the activities to be housed there of such great importance that they made a momentous decision: for the first time in the Hospital's 135-year history, to borrow funds for a capital purpose if necessary.

This decision illustrates well the situation of American hospitals today. On the one hand, personally or through Blue Cross and other insurance, patients are perfectly willing and, for the most part, able to pay for their care in a general hospital. On the other hand, hospitals are faced with what seems to be a permanent inflation of wages which, along with a constant increase in complexity of service owing to advances in medical science, makes hospital costs rise faster than payment for them can be arranged.

This is a curious, and virtually unprecedented situation. Here we are, with a very active general economy and with medical discoveries that offer better medical and hospital treatment than ever before and yet, with few exceptions, all teaching hospitals and medical schools are running large deficits. Moreover, very few of them have funds for improvement and modernization of their plants or for making tenure appointments — the lifeblood of teaching institutions — or other long-term commitments.

Not that there is anything new about hospitals having financial troubles. As long ago as 1932 there appeared a book

entitled "The Crisis in Hospital Finance" by Michael M. Davis and C. Rufus Rorem, distinguished scholars in medical economics in the United States. Four years later, the late Joseph W. Mountin conducted the "Business Census of Hospitals" for the United States Public Health Service. These authors predicted correctly that, unless widespread insurance or prepayment plans could be devised, voluntary general hospitals in this country would face an increasingly difficult time, financially, and might indeed go out of existence. Since then Blue Cross and other insurance for hospitalization have had their amazing development and, in general, have provided financial stability for hospitals, at least in times of stable prices. What none of these authors could have foretold, however, was the almost unbroken rise in the price level that has taken place from about 1935 to the present. While productive manufacturing and agricultural enterprise has been able to absorb a good deal of the increased cost of materials and wages through sharp increases in productivity per man hour, this is very difficult (indeed, impossible beyond a point) for service industries, like hospitals, hotels, and barbershops, to achieve. Service industries, nevertheless, must raise wages to compete with those of productive enterprise and must, of course, pay the increased prices of all the goods they purchase. Consequently, as forecast by Ray E. Brown, Superintendent of the University of Chicago Clinics, when he was President of the American Hospital Association in 1956, it seems likely that hospital costs will rise about five percent per year indefinitely.

This situation has made the financing of hospital care difficult everywhere, but most community hospitals have managed to keep solvent by raising rates and depending upon Blue Cross and other insurance to increase their premiums to meet these continually rising costs of service.

Owing to the development of prepaid hospital care plans, today's severe financial crisis for hospitals is different from those of 1932 and 1936 in that it is focused particularly in two areas: capital costs for all voluntary general hospitals and the special educational costs of voluntary teaching hospitals. It is true that capital needs have in part been met through the very far-sighted and well-administered Federal Hill-Burton Act, but

even under Hill-Burton, it is necessary for hospitals to raise matching funds and this is not always easy. What we have not openly admitted is that, with or without Hill-Burton, hospitals always have a need for capital funds, like any other enterprise. Hospitals' capital needs, moreover, are by no means limited to the replacement of worn-out buildings and equipment, although this is important, but also include constant modernization because of advances in medical science; and constant enlargement because of the increasing use of hospitals by the public and the increasing size and age of the population itself.

The problem of meeting capital needs has arisen largely from the tradition in this country that the construction, equipment, and endowment of hospitals is paid for by philanthropy through gifts, bequests, and special drives for funds. The trouble now is that these sources are markedly reduced in proportion to the need and, by virtue of the world political and economic situation, appear unlikely to be increased again in the forseeable future.

What is needed, it seems to me, is open recognition of this fact by the community, local, state, and National, and provision of some systematic method for hospitals to accumulate capital regularly, as is done by any successful business. A very slight beginning along this line has been made by hospitals which charge an amount for "depreciation" but this is far from universal and is often discouraged by refusal on the part of large purchasers of hospital care, like Blue Cross or government agencies, to pay such a charge. In Massachusetts, for instance, the law expressly forbids public welfare agencies to include a charge for depreciation in the costs on which they base their payments.

It is difficult for hospitals to have to go to individuals, corporations, foundations, or the community every time they need a new building or electronmicroscope. Moreover, some buildings, though essential, have very little appeal, as for example a laundry, maintenance shops, or parking facilities. What other major industry (hospitals now constitute the sixth largest industry in the country) would plan to depend upon such uncertain sources for its major capital needs?

The second focus of the present crisis is, as I have said, the special educational costs of voluntary teaching hospitals. These are the costs incurred because they *are* teaching hospitals; in reality, they are costs of education, not costs of hospital care at all. This problem, too, has arisen in part from tradition — the tradition that interns, residents, and student nurses, among others, pay for their education by the service they give to patients. This may once have been true in the days when hospital care and education in these fields were simpler than they are now. Today, however, one cannot escape the conclusion that at least some part of a teaching hospital's budget, excluding research, is for the direct and indirect expense of education. Hospitals with adequate endowment can absorb this expense, but with the increasing cost of hospital care already referred to, some if not all of this expense will ultimately fall on the sick person in a hospital bed unless philanthropy or some other source provides for it. That the voluntary hospital, much less the patient, should pay for the education of the country's future doctors, nurses, social workers, dietitians, and the rest, seems all the more unfair in that these educational activities, which are designed to benefit the whole country, are confined to about one-sixth of the country's almost 7,000 hospitals, namely, to the 1,000-odd institutions which might be included in the group of "teaching hospitals." We might consider this group to be comprised, first, of those institutions (about 1,000 in number) which have hospital schools of nursing; secondly, of the hospitals (mostly the same as those in the first group plus a few others) which have approved internships and residencies; and, thirdly, of the hospitals, about 100-150 in number (and all also in the first and second groups) which actually teach medical students on their wards. By and large, the education of members of the other health professions such as social workers, dietitians, technicians, and so on, takes place in the same hospitals.

To make matters worse, although not relevant to my principal thesis, it is to these same teaching hospitals that are sent the sickest, most complicated, and, consequently, the most costly cases.

If the community wants to have a sufficient quantity of top-notch physicians, nurses, and others in the future it must find a

way now to finance their education. If it does not, the voluntary teaching hospital may become a thing of the past. It will either close its doors entirely (a good many hospitals have already closed their schools of nursing and virtually no new hospital schools of nursing have been started in the last twenty-five years) or it will cease to be an educational institution and become simply another community hospital.

Whatever method of meeting these hospital educational costs is found, it clearly should not depend alone upon payments by the hospitalized individual nor upon philanthropy. Properly, it seems to me, the whole community should be called upon. For example, tax-supported welfare department payments for medical care should include amounts for educational costs instead of specifically excluding them, as often happens now. The same principle should apply to many organizations, such as the Blue Cross, for instance, which have a broad community base and which are also large purchasers of medical or hospital care. Other examples would be the Blue Shield, commercial insurance companies, workmen's compensation carriers, the "Medicare" program for dependents of the Armed Forces, and the Red Feather, all of which ought explicitly to help support the expenses of education instead of, as often is the case at present, refusing to recognize these costs as a legitimate item for their support. In the same way, education of members of the health professions should be included in the allowance for indirect expense on research grants from Federal agencies, voluntary health organizations, and foundations. All of these agencies have a huge stake in the future availability of doctors, nurses, and so on, to provide service for their clients, subscribers, policyholders, or for research. It seems reasonable, therefore, that they should help finance the education of these professions.

Another obvious possibility, although not a popular one, is direct tax contribution. As regards the Federal government, such a contribution might, nevertheless, be justifiable on two counts: first, because the nation's whole population requires medical care, but the education of those who can provide it must necessarily be concentrated in relatively few institutions and therefore the whole nation might reasonably be asked to assist these institutions; and, secondly, because although the various

Federal agencies, such as the Armed Forces, Public Health Service, and Veterans Administration, use thousands of physicians, nurses, and others, they produce not a single one.

Somewhat similar considerations apply to the idea of direct tax subsidy for teaching hospitals from State and local government, although perhaps not with the same cogency.

Other organizations and persons who make use of a large number of physicians, nurses, and the like, such as the 6,000 non-teaching hospitals, industry, and, in the case of nurses, physicians, who use many nurses in their private offices, might well be expected to contribute financially towards their preparation.

In sum, the problems of providing capital funds for hospitals and of paying for the educational costs of teaching hospitals should be faced squarely and recognized for what they are: problems not of the hospitals alone, but of the whole community.

Besides the opening of the Warren Building, some of the other interesting developments at the Hospital during 1956 were these:

The historic Ether Dome underwent complete renovation, with better lighting and ventilation, improvements in seating, a mechanized shutter for the skylight, added blackboard area, and new tape-recording facilities.

In April, the conference room in the Vincent Memorial Hospital, having been renovated and redecorated with funds raised by friends, was dedicated in honor of Dr. Joe V. Meigs, with the unveiling of his portrait there.

Another significant improvement to the Hospital during the year was the complete renovation and reorganization of the Medical Records Library.

In an effort to improve communication between medical and nursing staffs a liaison committee of five physicians representing the Medical, Surgical, Pediatric, Psychiatric, and Orthopedic Services has been meeting with Miss Sleeper and her Assistant Directors of Nursing Service to discuss common problems.

Toward the same end, Miss Sleeper or her representative regularly attends the meeting of the General Executive Committee at least once a month.

As noted in the Trustees' report, the year saw the retirement of Miss Eleanore A. Lewis after fifteen years of devoted service as librarian of the Treadwell Library. We welcome her successor, Miss Genevieve Cole, who comes to us from the Biological Division of the Oak Ridge National Laboratory of the Atomic Energy Commission, and shall look forward to continued development of this fine Library under her guidance.

Additions to the staff during the year were particularly significant on the Medical Services. Dr. Bauer's annual report notes the following:

"Dr. Morton N. Swartz began his duties as Chief of the Infectious Disease Unit, filling an important gap in the medical specialties. In this capacity, he quickly made valuable contributions in consultations on infectious disease problems and in distribution of information about the current status of antibiotic sensitivity of hospital pathogens. Working with Dr. Lawrence J. Kunz, he was instrumental in bringing a hospital Salmonella epidemic under control. Dr. Kurt J. Isselbacher returned to the Hospital with an appointment as Hospital Pharmacologist. Dr. Alexander Leaf returned in August, 1956, after a two-year leave of absence spent in Dr. H. A. Krebs' Department of Biochemistry at Oxford University. He will continue with his clinical and laboratory studies on fluids and electrolytes. Dr. E. P. Tuttle, Jr., who carried out this work with distinction during Dr. Leaf's absence, took up a new position at Emory University Medical School. Dr. Walter Bauer was invited to England for a period of three months, during which time he served as Visiting Professor of Medicine at the University of Birmingham Medical School and later at the University College Hospital, London. During his absence Dr. Chester M. Jones did an outstanding job as Acting Chief of the Medical Services, in addition to his other heavy clinical, teaching and administrative responsibilities. Dr. Max L. Rosenheim from the University College Hospital, London served as Visiting Professor of Medicine for two weeks, during which time we were fortunate to

have him as a Visiting Physician in charge of one of the ward services. In 1956 came the retirement of Dr. Joseph C. Aub after a long and distinguished career as Professor of Research Medicine and Director of the Huntington Laboratories. Dr. Paul C. Zamecnik was appointed to succeed him in this position. The details of this important event are to be found in the Annual Report of the Huntington Laboratories, but the Medical Services cannot allow to pass unnoticed the retirement of a distinguished physician, eminent scientist, wise counsellor and warm friend."

In connection with the last item in Dr. Bauer's report, it should be noted that the Hospital, fortunately, has been able to eat its cake and have it, too, because Dr. Aub, although retired as Chief of the Huntington, has a laboratory in the Warren Building and is continuing to pursue his research there.

Dr. Edward D. Churchill, Chief of the Surgical Services, spent three weeks in the fall touring the Middle East with the Assistant Secretary of Defense.

Planning for the new Ambulatory Clinics Building has gone forward actively during the year by a special committee representing all the Services, under the able chairmanship of Dr. Dana L. Farnsworth. A final report is expected during 1957 and, hopefully, funds will then be raised for the actual construction of the building. Other building needs of extreme importance include new operating rooms to replace the outdated operating suites of the Baker Memorial and the Phillips House, a new auditorium to seat about 350 people (our largest present auditorium seats about 180 and we are obliged to take outside space for any large meetings) ; and an apartment house for staff nurses and for married house officers and their families, located close enough to the Hospital to be connected to the Hospital switchboard so that house officers may be on call at home, instead of having to come into the Moseley Building to sleep. If there were such an apartment house, it would also be possible to renovate the Moseley Building to make it more attractive for unmarried house officers, and to house more student nurses in Bartlett Hall in space now perforce largely occupied by graduate nurses.

These, then, are the most pressing needs of this Hospital at the present time. As stated earlier in this report, it is to be regretted only that there is no assured systematic means now available through which they may be met. Instead, we shall rely for the present, as we have so often in the past, upon the continued, magnificent generosity of friends of the Hospital.

Among the distinctions that came during 1956 to various members of the staff are the following:

Arthur W. Allen, M.D., on our Board of Consultation and a member of our Board of Trustees, was awarded the Henry Jacob Bigelow Medal of the Boston Surgical Society.

Joseph C. Aub, M.D., was elected President of the Massachusetts Division of the American Cancer Society. Earlier in the year, Dr. Aub received the Bertner Foundation Award for outstanding contribution in the field of cancer research.

Joseph S. Barr, M.D., Chief of Orthopedic Service, was elected Honorary Fellow of the British Orthopaedic Association.

Edward F. Bland, M.D., was elected President of the Massachusetts Heart Association.

Mary A. B. Brazier, Ph.D., Neurophysiologist, was elected a Fellow of the American Academy of Arts and Sciences.

John P. Bunker, M.D., Associate Anesthetist, was elected President of the Massachusetts Society of Anesthesiologists.

Bradford Cannon, M.D., Associate Visiting Surgeon, was elected Vice-President of the American Association of Plastic Surgeons.

Stanley Cobb, M.D., Board of Consultation, was presented with the 1956 *Modern Medicine* Award for Distinguished Achievement by the Board of Editors "in recognition of outstanding contributions to the progress of medicine as exemplified by a lifetime of leadership in neurology and psychiatry and his studies of the relation of neurophysiology to clinical disease."

Dr. Cobb also received three medals during the past year: the Hamilton Award of the American Psychopathological Association "for distinguished contribution to Psychopathology;"

the Albert Einstein Commemorative Award from Yeshiva University "for achievement in Medicine"; and the Kober Medal of the Association of American Physicians "for research in Scientific Medicine."

Francis O. Schmitt, Ph.D., member of our Board of Trustees and Professor of Biology at Massachusetts Institute of Technology, was the winner of a 1956 Albert Lasker Award for "pioneering studies of the biochemical components of connective tissues, contributing to new understanding of arthritis and rheumatic diseases".

Respectfully submitted,

DEAN A. CLARK, M.D.
General Director

Annual Report of the General Executive Committee

THE Committee has dealt with numerous problems during the past year; many of which had confronted it previously — chief among them having to do with the care of the patient, teaching of medical students, house staff and visiting staff, and certain new matters relating to the practice of medicine associated with the Hospital. That these problems are not completely answered at the moment merely accents the importance and magnitude of each.

Three major items, recurrent over the year, have been (1) acute problems of nursing care; (2) efforts to make possible an increase in the salaries of the House Staff; and (3) anticipated and unanticipated effects of the Massachusetts General Hospital Associates being housed in the Warren Building. These studies have been extensive, and even though a satisfactory conclusion may not have been reached in each instance, the thought and effort given merit the hope that ultimately solutions mutually satisfactory to all may be obtained.

1. The acute nursing shortage was exemplified by the fact that two floors in the Baker Memorial and two floors in the White Building were closed at one time during the year. The absence of an isolation unit had resulted in the admission of acute infectious cases to any or all wards. In order that these difficulties should have the deserved consideration, Miss Sleeper met at frequent intervals with the General Executive Committee to present the most pressing problems and to emphasize the need of a better understanding of mutual problems of physicians and nurses. Although more graduate nurses were employed than had been possible two years previously, the shortage seemed more acute because the turnover of admissions was more rapid. During one week of the year there was an actual turnover of 70 per cent of the patients in the Hospital. All of this led to the appointment of a special committee consisting of representatives from medicine, surgery, psychiatry, pediatrics and ortho-

pedics to study physician-nurse relations as they affect the teaching services of the Hospital. It was agreed further that Miss Sleeper and key members in the Nursing Service should hold periodic conferences with chiefs of various units as well as their representative residents in order to continuously carry on the search for means to alleviate the present unsatisfactory conditions. The problems are obviously not ones to be solved overnight; they are still under consideration but progress toward the ultimate goal is being made.

2. Increase in the salaries of the House Staff during their residency training period has become a critical problem. It has been discussed repeatedly and thoroughly and yet appears to be no nearer a solution than a year ago. The "increased cost of living" affects the individual as well as the institution. These men have not only spent a long period of training to reach this stage but have also been in the Military Service, and many are married and have families, while others would like to if the financial situation permitted. In addition to the fact that many of these residents are well qualified physicians licensed in Massachusetts and many have taken care of men in military service for two years or longer, it is difficult to understand why they have been denied the professional fees which the staff feels they are due. Were this money available the increases in salary might well be accomplished. One way of ameliorating this problem is now under consideration. This calls for a form of staff organization composed of chiefs of services, adequate representation of residents, and other participants in medical care of patients. Third party returns could be accepted and distributed on a representative basis as decided by the group. The organization of such a group is frought with many complexities and requires much discussion.

It was noted that some of the larger pharmaceutical companies and a few private donors were willing to provide certain monies to residents. After considerable discussion, it seemed best to form an educational fund for the benefit of the House Staff, as a whole, in such a way that any special benefits should be available on an equal basis to residents on all services as is the present Loan Fund. It was stipulated further that the recipient would be unknown to the donor and would not be ob-

ligated in any way. Such an educational fund was established during the past year. It is hoped that although now small, it will grow to a sizable amount and make possible numerous educational projects for the staff.

Realizing the possibility of legal action against interns, residents, nurses and students in connection with medical or surgical treatment given within the Hospital, a recommendation was made to the Trustees that they should provide legal defense. With the following stipulations the recommendations were approved: The Hospital cannot assume any responsibility with respect to the payment of any sum in settlement of liability. The Hospital shall select the attorney but shall assume no liability for any act or omission of such counsel. This is an improvement over former policies which did not include nurses and students.

There were numerous discussions about the use of routine procedures throughout the teaching services as well as the entire Hospital. There was strong belief that it might be advisable to discontinue routine methods such as Hinton tests and photofluorography, and that these procedures be ordered only for the individual patient by his physician. Because of the impact of the report of the National Academy of Sciences regarding the hazards of radiation and because of the relatively larger amount of radiation received by photofluorography in contrast to conventional methods as carried out in this Hospital, it was decided to abandon the photofluorographic method. Further discussion and decision as regards routine studies will be made in the future.

3. During these past twelve months it has been interesting to watch the development of the impact of closer relationship between the Staff and the Hospital and to be confronted with actual problems of the practice of medicine as they meet administrative and executive problems. These have been approached with the careful study merited by matters that will undoubtedly be of considerable future importance.

In the early part of the year a suggestion was made that each major out-patient clinic be allowed one paid physician. Although this could not be put into effect immediately, progress towards its accomplishment has been made. Before the year was out, the General Executive Committee recommended to the Trustees that

there be fulltime heads of the Orthopedic, Medical and Surgical Service Clinics, and that they be allowed to see a limited number of private patients in the Associates Office.

The problem of over-income patients attending the Clinics became steadily greater during the year. Discussion as to how this should be handled, and the recommendations of the Executive Board of The Associates were endorsed and forwarded to the Trustees. It has been possible to arrange a program whereby the over-income patient can be seen and taken care of at the Hospital through The Associates Office. Much of the credit for this is due to the Executive Board of The Associates.

The culmination of these discussions were directed toward the actual opening of the Warren Building in early December. The lower floors house Pathology, Neurology, Neurosurgery, Psychiatry and Dermatology in laboratories suited for research and clinical study. The upper floors of the building are being apportioned to doctors offices.

The name Warren for this new building was well chosen, because it typifies the advances made in the practice of medicine through the efforts of members of this family. It is fitting that their name should be associated with the Massachusetts General Hospital in another evolutionary step in medical care. Just about forty years ago, with similar planning and some trepidation our Trustees ventured into private hospital care of patients. The opening of the Phillips House on May 17, 1917 was their answer to this challenge and the first private patient received and one who made a prompt recovery was Dr. J. Collins Warren.

May this augur well for the future of today's challenge.

EDWARD D. CHURCHILL, M.D., *Chairman*
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WALTER BAUER, M.D.
BENJAMIN CASTLEMAN, M.D.
ALFRED KRANES, M.D.
ERICH LINDEMANN, M.D.
LAURENCE L. ROBBINS, M.D.
ALFRED STANTON, M.D.
DEAN A. CLARK, M.D., *Secretary*

Report of the Committee on Research

THE year 1956 has been, for a number of reasons, an outstanding year in the development of medical research at the Massachusetts General Hospital. Certainly the most dramatic event was the official opening and dedication of the Warren Building. Reference to this will be prominent in the annual reports of the other departments, but this milestone is particularly gratifying to the Research Committee for it represents the fruition of many research projects whose roots were initially nurtured by the Committee. This establishment in new quarters of a number of research activities accounts in part for the further modest expansion in the overall research program as reflected in this year's total research expenditures of $2,634,426, an increase of somewhat more than $400,000 over last year.

Another development during 1956 which the Committee has fostered is the establishment of a group of new investigators in the Department of Medicine. Thus, Dr. Robert Berg has become Chief of the Allergy Unit. He and his group will undertake long-range studies on the factors that enter into the allergic response. The group has received a generous block grant for five years from the United States Public Health Service to permit the undertaking of these fundamental studies.

Dr. Kurt Isselbacher has become Hospital Pharmacologist. He is engaged in full time research on problems related to galactose metabolism in galactosemia and other diseases. It is expected that later he will become concerned with problems related to improvement in the clinical testing of drugs and will work in collaboration with the Department of Pharmacology at the Harvard Medical School.

The position of Chief of the Cardiovascular Research Unit has been filled by Dr. Alexander Leaf who has returned to the Hospital after two years of fundamental studies. Dr. Leaf will concern himself with the mechanism of ion transport by

cells and tissues. The activities of this unit have received substantial support from outside agencies.

Dr. Morton Swartz returns to the Hospital to become Chief of the Infectious Disease Unit. Dr. Swartz will concern himself with metabolic patterns in bacteria and carry out studies on the biochemical basis of drug resistance and bacterial infectivity.

Finally, Dr. Richard Field will return to the Hospital in January to continue his studies on the regulation of glycogen metabolism in liver tissue. He will also be concerned with the operation of the Diabetes Clinic at the Hospital.

All these men are physicians who have had their clinical training at the M.G.H. They have then had training in basic biochemistry of several year's duration in laboratories of this and other countries. It is the Committee's hope that this synthesis of the clinical and biochemical background will facilitate the application of the techniques of basic science to the problems presented to the clinician.

During 1956 Dr. Joseph C. Aub retired as Director of the Huntington Laboratories. Dr. Aub is not only one of the Hospital's most beloved physicians but has been outstanding in fostering research and encouraging young men to enter medical science. He will continue his research in a laboratory in the new Warren Building. The tradition of basic research in the Huntington Laboratories established by Dr. Aub will continue in the able hands of Dr. Paul Zamecnik who succeeds him. Dr. Zamecnik and Dr. Edward Churchill have already taken steps to establish closer ties between the Huntington Laboratories and the Departments of Medicine and Surgery earlier fostered by the late Dr. Ira T. Nathanson. Funds have become available which will permit young surgeons and medical men to spend several years at basic research in the Huntington Laboratories after their formal clinical training.

During the past year the Committee on Research has had a number of discussions with the United States Air Force concerning the latter's interest in establishing at the Massachusetts General Hospital a research unit concerned with problems of human behavior and performance, the area of "psychobiology." The Committee has taken preliminary steps to organize a co-

operative program along these lines, coordinated by Dr. Robert Shaw. It is expected that this activity will begin early in the new year.

In line with interests of the Departments of Neurosurgery, Neurology and Psychiatry, the Committee on Research this year voted to recommend to the Trustees that a joint *ad hoc* committee with the Harvard Medical School be appointed to consider candidates for a post of electron microscopist who would be concerned particularly with the central nervous system.

The Committee continues to wrestle with the thorny problem of the future of its full-time research men. This topic occupied much of the deliberations of the Advisory Committee this year, but it appears that the situation is more encouraging than it has been in the past. A number of full-time research men have received posts and it appears that funds are likely to be available in the future for long term support of our ablest men.

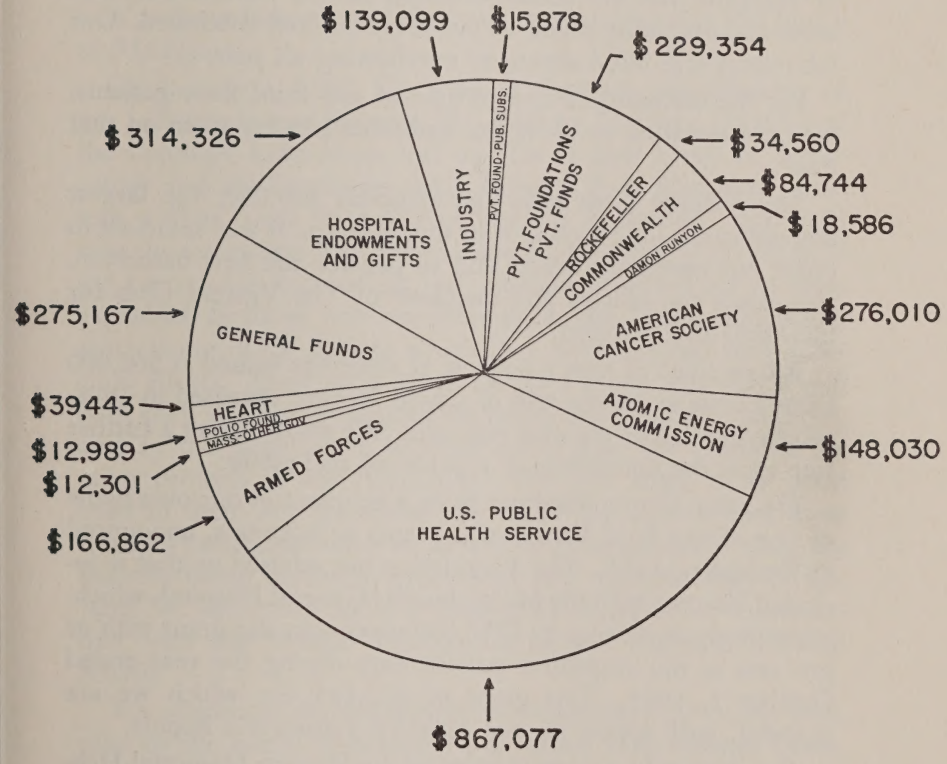
This report must note in closing the much regretted resignation of Dr. Fritz Lipmann from the staff of the Massachusetts General Hospital. Dr. Lipmann will leave the Hospital next summer to take up his duties at the Rockefeller Institute for Medical Research in New York. The Committee is fully aware of the great benefit Dr. Lipmann and his group have been in the training of young men in basic biochemistry. The future of biochemical research at the Massachusetts General Hospital will occupy much of the concern of the Committee on Research in the coming year.

HENRY K. BEECHER
Chairman
Committee on Research

MAHLON B. HOAGLAND
Executive Secretary
Committee on Research

TOTAL RESEARCH EXPENDITURES - 1956

$2,634,426



Report of the
Vincent Memorial Hospital

THE Hospital's fiscal year, ended September 30, 1956, our first under Chief of Staff Dr. Howard Ulfelder, was a busy one. Our 46 beds were used for a total of 13,661 patient days, 555 more than in the previous fiscal year. The teaching of Harvard Medical School students in our ward, conference room and operating rooms by our Hospital Staff continued. Our laboratory was filled almost to overflowing all year.

For the convenience and morale of our third floor patients, we have installed an attractive bathroom-powder room on that floor.

The Vincent Club gave the Hospital $40,000, the largest amount in the long record of its munificence. It was sufficient to offset our operating deficit and to pay for the new bathroom. We salute the officers and members of The Vincent Club for their skill and devotion.

We received in June a bequest of securities valued at $60,000 from a trust under the will of David Nevins, deceased in 1898, referred to in this report a year ago. We shall receive a further sum upon the liquidation of a parcel of real estate.

We were disappointed not to be a recipient in our own name of one of the Ford Foundation grants to hospitals, announced in December, 1955. The Foundation has advised us that it included Vincent with the Massachusetts General Hospital, which, accordingly, is sharing its $250,000 maximum size grant with us pro rata to our respective patient days during the year ended October 1, 1955. This grant of $12,125, for which we are grateful, will appear in our 1956-57 Treasurer's Report.

The raising, by representatives of the Vincent Memorial Hospital, Massachusets General Hospital and Harvard Medical School, of the $500,000 fund, the income of which Harvard Medical School will use to establish the Joe Vincent Meigs Professorship in Gynecology, got off to a good start in the first

year of active solicitation. Pledges of more than $100,000 have been received. We mention this project here because the incumbent of the Professorship from time to time is scheduled to be the then Chief of Staff of our Hospital.

On April 23, a group of our friends met and dedicated the Joe Vincent Meigs Conference Room, redecorated and adorned with a fine portrait of Dr. Meigs by Jonniaux, which was generously presented by a group of Dr. Meigs' friends under the leadership of Dr. Langdon Parsons, one of Dr. Meigs' earliest associates and for many years a member of our Hospital Staff. Tea was served in The Vincent Club Room. The reception, as well as the redecoration of the room, was arranged by the Board of Managers.

On January 1, 1957, Dr. John B. Graham, the Director of our Laboratory, and his wife, Dr. Ruth M. Graham, Director of the Cytology Laboratory, left us. He is now Chief of Gynecology and she Cytologist at the Roswell Park Memorial Institute, a New York State Cancer hospital at Buffalo. We shall miss the distinction which their research, principally in cancer of the cervix, has focused on our Hospital, but rejoice in their expanded facilities and opportunity in the larger institution, specializing in the field to which they have devoted their principal efforts. Their work had reached a scope and size which both they and we recognized exceeded our available facilities, and, by the same token, left less room than was desirable for other projects in our laboratory. We give them every good wish in their new positions. Dr. Ulfelder already has three research projects to move in, as well as more adequate space for the continuing studies in gynecology and endocrinology of Dr. Janet W. McArthur and Dr. Francis M. Ingersoll in collaboration with the Protein Foundation of the Harvard Medical School.

We appreciate the whole-hearted cooperation given the Hospital by the Board of Managers, of which Mrs. George Lewis, Jr., is Chairman, and the Hospital Staff under its Director, Dr. Dean A. Clark, and its Chief of Staff, Dr. Howard Ulfelder.

LOUIS CURTIS, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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HOSPITAL STAFF

Dr. Dean A. Clark, *Director*
Dr. Howard Ulfelder, *Chief of Staff*
Dr. Joe V. Meigs, *Consulting Visiting Gynecologist*

Dr. Maurice Fremont-Smith
Dr. Thomas H. Green, Jr.
Dr. Ward I. Gregg
Dr. Francis M. Ingersoll
Dr. Janet W. McArthur
Dr. William V. McDermott, Jr.
Dr. George S. Richardson
Dr. Fred A. Simmons

Miss Mary E. Quinlan, *Asst. Director of Nursing*
Miss Gertrude Parkhurst, *Supervisor of Nursing*

The Vincent Memorial Hospital

IT is a pleasure to report a year of activity and satisfactory accomplishment in every department of the Vincent Hospital.

The Ward Service on Vincent 2 and in the Clinics has been busier than in any previous year; it is obviously now recognized in this community as a dispenser of gynecologic medical care of the highest calibre. As a consequence the educational opportunities for our resident staff and for the undergraduate students of the Harvard Medical School have been ideal and our patients have profited from the meticulous and serious attention which can be offered by a teaching service. Numerous gynecologists and cytologists from this and other countries have visited us during the year and have spent days and occasionally weeks or months as observers or post-graduate students of our methods and their results.

From June 26 to July 5, Professor Ernst Navratil of the University of Graz, Austria, honored us by serving as Chief of Staff, *pro tem.* His effervescent personality and his scientific stature acted as a refreshing stimulus to our own interest in our specialty. In similar fashion, Professor Hans Kottmeier of Stockholm, Sweden, shared his special knowledge and gifts with us during a visit to Dr. Joe Meigs in November.

The Harvard Postgraduate Course in Gynecology which is presented by the Staff of the Vincent Hospital was attended this year by 50 physicians. They came from all sections of the United States, from the Armed Services and from as far distant as Formosa and the Philippines. Numerous physicians from the Boston medical community assisted in the preparation and presentation of talks and material offering the most up-to-date information in gynecology, and the students were generous in their praise and grateful to the entire Vincent Hospital family for their interest and attention to them during their stay in Boston.

The private hospital service on Vincent 3 also has functioned throughout the year without interruption. The Visiting Staff of

the Hospital has rendered invaluable service here, as well as in the clinic and on Vincent 2. Each individual on the staff has continued his observations or research within his special sphere of interest, each has attended meetings and presented scientific papers for discussion and publication.

The research program of Doctors Ruth and John Graham was concluded on December 31, 1956. The group of patients with cancer of the cervix treated on this program will be followed in order to permit final evaluation of its success. The collateral studies of the Grahams in immunology will be resumed at the Roswell Park Memorial Institute.

Fruitful progress has been made by Dr. Janet W. McArthur and her collaborators in the search for a potent preparation of pituitary hormones made from human plasma. Soon a supply of material will be available adequate for trial in animals and, if safe, in women whose failure to ovulate is presumably due to hormone deficiency.

New research in endocrinology, ovarian physiology, and tissue culture is under consideration. All are of current interest and of clinical importance in the diseases of women seen daily in the Vincent Hospital. Active collaboration with the research carried on in other departments of the Massachusetts General Hospital and Harvard Medical School is a fruitful by-product of the studies in prospect or already underway.

This report concludes with an expression of my thanks to all who serve the Vincent Hospital and for their contributions to its welfare and continued success.

HOWARD ULFELDER, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers of the Vincent Memorial Hospital

THROUGHOUT the year members of the Board have continued to fulfill our basic responsibility, visiting the patients regularly, supplying them with playing cards and magazines and arranging celebrations for Thanksgiving, Christmas and other holidays. In addition, I would like to mention the following highlights:

January — The treasurer read a letter to the Board from Mr. Burgin pointing out that December 19, 1955 was the 65th anniversary of the opening of the Vincent Memorial Hospital account at the New England Trust Company.

February — The Hospital joined the American Hospital Association and the Massachusetts Hospital Association, and the Board joined the Massachusetts Hospital Association auxiliary group. Heretofore we have been members of these Associations through the Massachusetts General Hospital.

Mrs. Ann Krush, the Vincent social worker, spoke to the Board on her work with our patients.

March — On the 26th, several Board members attended the New England Hospital Assembly luncheon at the Statler. Dr. Edwin L. Crosby, Director of the American Hospital Association, was the speaker.

April — Miss Quinlan reported on diet classes given to our patients to help them plan nutritious and low cost meals. This has proved a successful project, stemming from the work of the Committee on Patient Education, of which Miss Quinlan has been a member since its inception in 1953, and Chairman since 1955.

On the afternoon of the 23rd we celebrated the opening and dedication of the Joe Vincent Meigs Conference Room, and the unveiling of Alfred Jonniaux's portrait of Dr. Meigs. Tea was served afterwards in the Vincent Club Room.

May — Various members of the Board attended the annual meeting of the Massachusetts Hospital Association on May 9, and the following day we had our own annual meeting.

September — On the 19th, a tea was given in the Vincent Club Room for the doctors attending the Postgraduate Course in Gynecology and their wives.

October — The Board accepted with pleasure Mrs. Henry A. Morss' generous gift of her drawing for a bookplate to be used in the Joe Vincent Meigs Conference Room Library.

November — On the 8th, the annual coffee party was given in the Vincent Club Room for the Hospital family. Almost ninety people attended. As always it was a most happy occasion.

On the 13th, members of our Board served as hostesses at the annual tea for Vincent Club provisional members and their mothers, and served as guides for the tour of the Hospital and Laboratory.

We report with sorrow the death of Mrs. Francis J. Oakes, Jr., Chairman of the Decorating Committee, and for thirty-five years a member of our Board. Working with Mrs. Oakes was a rare and happy privilege, and none of us will ever forget her spontaneous humor, her undaunted energy, and her limitless capacity for friendship.

Respectfully submitted,

MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Report of the Department of Pathology

"D" Day was September 21, 1956. We could hardly wait for the paint to be dry. The details of the dedication of the Warren Building held on December 3, are noted in the reports of the Trustees and the General Director. On Saturday, December 15, the new pathology quarters, occupying the basement, first and second floors of the Warren Building, were dedicated as the James Homer Wright Pathology Laboratories and the library on the second floor as the Tracy Burr Mallory Memorial Library. The main addresses were delivered by Dr. Fred W. Stewart, Pathologist at the Memorial Center for Cancer and Allied Diseases in New York City and Dr. William Boyd, Professor of Pathology Emeritus, University of Toronto. The portrait of Dr. Mallory was unveiled by Dr. James Howard Means. Greetings were presented for the Trustees by Dr. Arthur W. Allen; for the Hospital by Dr. Dean A. Clark, General Director; for the Harvard Medical School by Dr. Arthur T. Hertig, Shattuck Professor of Pathological Anatomy; and from the Armed Forces Institute of Pathology in Washington by its Director, Captain William M. Silliphant. These exercises were preceded by a morning scientific program presented by members of the Pathology Staff. It was extremely pleasant to greet so many returning alumni of the Laboratory.

Approximately 65% of the space in the three floors occupied by Pathology, is for routine diagnostic service — surgical pathology, post-mortem pathology, neuropathology and cytology. The remaining 35% of the space provides us with what we woefully lacked — research laboratories. The latter can be classified into four general types: experimental (animal) pathology, histochemistry, microbiochemistry, and electron microscopy.

The laboratry housing the electron microscopy located on the basement floor was built with funds given to the Hospital by Mrs. Edwin S. Webster and has been named the Edwin S. Webster Memorial Laboratory in honor of her husband. The electron microscope and other major equipment were financed by

the National Heart Institute of the United States Public Health Service.

All members of the Pathology Department were very pleased when Dr. Joseph C. Aub, now retired and free from administrative responsibilities, joined our group. He has a laboratory on the first floor where he is investigating cell surfaces in cancer cells.

A detailed report of the research activities of the Laboratory has been presented in the January, 1957, issue of the MGH *News* and will not be repeated here.

There were no changes in the Senior Staff of the Department. Three residents finished their training: Dr. Si-Chun Ming is now Assistant Pathologist at the Beth Israel Hospital in Boston; Dr. Benjamin D. Canlas, Jr., is an Instructor in Pathology at the University of the Philippines; and Dr. Raymond A. Justi is Assistant Pathologist at the Boston Veterans Administration Hospital.

With the hope of interesting some of the top-ranking medical students in careers in pathology, we have established two Pre-Doctoral Fellowships to enable students who have finished their second year at the Harvard Medical School to postpone the third year by working in the Pathology Laboratory for a year. These students, who began last September, spend more than half of their time on a research project, participate in the routine work, and are finding out at first hand what a pathologist actually does — something that a student rarely discovers.

The statistics of the diagnostic examinations follow:

	1955			*1956*		
	M.G.H.	*Outside*	*Total*	*M.G.H.*	*Outside*	*Total*
Autopsies performed	668	238	906	664	237	901
Percentage of cases dying in M.G.H.	67			68		
Surgical specimens	8,734	2,875	11,609	8,446	2,638	11,084
Microscopic Preparations			69,740			69,515
Cytologic smears examined	5,361	4,340	9,701	6,167	5,141	11,308

BENJAMIN CASTLEMAN, M.D.
Chief
Department of Pathology

Annual Report of the John Collins Warren Laboratories of the Huntington Memorial Hospital of Harvard University

THE present academic year marks the opening of another chapter in the history of the Huntington Laboratories. Even its name has undergone a little change, with a renewal of recognition of the early debt owed to John Collins Warren. At this moment in the life of the laboratory it may be appropriate to give a backward glance at some of the notable achievements of former days.

The year 1926 was a high point, with Minot and Murphy's discovery of the liver treatment of pernicious anemia. A decade later the first million volt Van de Graff generator was constructed and used for treatment of cancer. Another ten years passed before Dr. Ira Nathanson discovered the therapeutic effectiveness of estrogens in cancer of the breast. Under the aegis of Dr. Joseph C. Aub a number of other findings over the years have added measurably to our knowledge of growth and its regulation. Pioneer work on the use of radioactive isotopes in the study of tumor metabolism was carried out by Cohn and Brues in the late '30's, and the tissue culture technique was adapted to metabolic experimentation nearly twenty years before coming into full flower elsewhere as a general tool of biological science.

The war years were marked by a shift of the laboratory effort to the shock problem, and by a pulling away of personnel trained in isotopic work to the Atomic Energy Project. The post-war period brought a sudden focussing of the spotlight of publicity on the cancer problem, and a general awakening of public and scientific interest in what had previously been an area peripheral to the main current of biological investigation. Expansion in budget and personnel followed, the desirability for new quarters became generally recognized, and the Hospital

responded with characteristic vigor with construction of the new Research Building.

It is hard to believe that we have occupied our present excellent laboratories in this building for five and a half years already. Our staff has grown to include twenty professional investigators (10 M.D. and 10 Ph.D.) and forty other members.

The current program of the Laboratories has the main objective of uncovering information about the metabolic machinery basic to an understanding of the unrestrained growth of tumor tissue. This involves study of the protein, nucleic acid, steroid, and lipid metabolism of the cell. In the words of F. G. Hopkins "in a country rich in gold observant wayfarers may find nuggets on their path, but only systematic mining can provide the currency of nations." This statement epitomizes our point of view in searching for the metabolic alteration in the malignant cell.

Drs. Loftfield, Hoagland, Keller, Stephenson, and Littlefield continue to explore the mechanism of protein synthesis in the cell. It has been possible, by means of C^{14}-labeled amino acids, to divide this complicated process, central to studies on growth and its regulation into several parts. Dr. Hoagland has found the initial step to be an activation of the amino acids which make up the building blocks of the protein by interaction with ATP, the energy currency of the cell. It appears that the amino acids are lined up in the proper order by combination with ribonucleic acid, and are zipped up to form a peptide chain. Several of these peptide chains are then joined together to form a completed protein molecule.

Study of the nucleic acid contribution to this process and to the evolution of the growing cell is being carried on by Dr. Jesse Scott and Dr. Liselotte Hecht, who has recently joined us after receiving her Ph.D. degree at the University of Wisconsin. The use of isotopically labeled precursor units of nucleic acids and of the newer chromatographic separation procedures dominates this work, as well as that of most of our laboratory efforts at present. It has become clear that protein and nucleic acid are interconnected in intricate ways, and Dr. Scott's work points to some aberration from normality in the nucleic acids of rat liver cells undergoing malignant change under the influence of a chemical compound.

The orientation of the work of Dr. Engel and his group has in the past year turned more in the direction of the study of basic problems in steroid biochemistry, with somewhat less emphasis on the more clinical aspects of the problem. This change has come with the growing realization that the urinary excretion of steroids provides a very imperfect reflection of their metabolism within the cells of the body on which they exert their effect. Concomitantly, it has recently become possible to study the way in which steroid compounds are synthesized in the adrenal gland, the liver, and the sex organs; and Dr. Engel and Dr. Baggett have been pioneers in this rapidly developing new field.

For example, in collaboration with Drs. Dorfman and Savard of the Worcester Foundation, Dr. Baggett has continued his studies of steroid hormone biogenesis in isolated human endocrine tumors. After the incubation of acetate-1-c^{14} with an interstitial cell tumor of the testis removed from a five and one-half year old boy, the following compounds were found to be labeled: 4-androstene-3, 17-dione; 4-androstene-11β-o1-3, 17-dione; 17α-hydroxyprogesterone; adrenosterone; testosterone.

The formation of labeled 4-androstene-11β-o1-3, 17-dione indicates that although this tumor originated in the testis, it contains the enzyme 11-β hydroxylase which had previously been regarded as characteristic of adrenal tissue. The high level of radioactivity associated with 4-androstene-3, 17-dione, a potent androgen, is consistent with the clinical finding of precocious puberty. These observations were in agreement with the results of urinary steroid analyses which showed excessive amounts of androsterone, etiocholanolone, and 11β-hydroxyandrosterone. It is a source of joy to have Dr. Engel so familiar with compounds bearing such unpleasant names, and to witness his growing ability to exert a measure of control over them.

The search for growth-regulating mechanisms continues to be the central interest of Dr. Bucher and her group. At the *in vitro* level they are exploring the possible pathways by which the synthesis of fats can be controlled. Dr. Loud is engaged in the complex work of separating the various lipids synthesized by cell-free preparations of rat liver as one contribution toward unravelling this puzzle. At the level of the whole animal Dr.

Albert is investigating the long-time effects of radiation on the ability of liver cells to divide. She has demonstrated that for long periods of time following radiation abnormal mitoses occur when the liver is induced to undergo regeneration.

During the fifteen years of their association with the Massachusetts General Hospital, the Huntington Laboratories have come to serve as a repository of information on the natural history of cancer on the human level as well as in the laboratory animal. Part of the natural function of these laboratories continues to be to act as a crossroads for trainings bearing on this disease. The search for new chemotherapeutic compounds for the treatment of malignant disease continues, plus the evaluation of newer compounds originating elsewhere. An experienced group of clinical research men comprising Drs. Baker, Freymann, Hall, Sohier, and Martz, continues to direct its efforts toward these ends.

Dr. Sohier has for example found that a hemolytic or blood destroying anemia may unaccountably occur in patients with widespread malignancy, an observation suggested previously, but now well documented and deserving of closer scrutiny. In paradoxical distinction to this finding, Dr. Freymann has observed in patients with tumors such as hemangioblastomas or pheochromocytomas a marked increase in the number of circulating red cells. With respect to evaluation of the newer chemotherapeutic agents, this clinical group works as a unit and serves as an objective board of appraisal for agents which emerge with loud acclaim elsewhere in the country. It is our present hope that the newer techniques for study of interconversion of steroid hormones developed in Dr. Engel's laboratory will make possible the selection for clinical trial of potential new steroid antagonists, and that in this area original clinical contributions on the chemotherapeutic front may emerge.

In conclusion, it is hoped that the fine tradition for research on the background of cancer forged under the leadership of Dr. Aub has not been lost, and that the Laboratories will continue to grow in their productivity and scholarly contributions. It is becoming increasingly important to appraise the applicability of new findings of biochemistry against the backdrop of the cancer problem, a task for which these laboratories are particularly well suited.

PAUL C. ZAMECNIK, M.D.
Director

Report of the Coordinating Committee

THE reports of the member groups of the Coordinating Committee appear below for The Ladies' Visiting Committee of the Massachusetts General Hospital, the M.G.H. Staff Wives Association and the Distaff Club. Elsewhere in the Annual Report will be found the reports of the Advisory Council to the School of Nursing and of the Board of Managers of the Vincent Memorial Hospital, also member groups of the Coordinating Committee.

MRS. FLOYD H. BLACKMAN, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE LADIES' VISITING COMMITTEE:

It is my pleasant duty to describe the activities of the Ladies' Visiting Committee during the year that has passed, although the first nine months were under the able guidance of the past Chairman, Mrs. Henry M. Bliss.

No M.G.H. unit of service has more closely at heart the comfort and the well being of the patients and the good will that emanates from and to this great Hospital. Since 1869 our first responsibility has been visiting the patients, with sympathetic understanding and concern for the stresses and strains of hospitalization. Members of this Committee make friendly, unhurried calls on patients who wish a visitor. Requests to visit patients come from many sources, doctors, nurses, chaplains, social workers, relatives, friends and the Hospital family. The greatest number of visits in 1956 were made in White and Bulfinch, but there were also requests from Baker, Burnham and the Phillips House.

A broader interpretation of visiting includes "Baker Hospitality" and the "Traveling Store", very appealing services since the primary purposes are the comfort and convenience of the patients and friends and relatives. Four days a week, Mondays through Thursdays, from approximately 12:15 p.m. to 2:45 p.m., the Ladies' Visiting Committee members serve hot tea and coffee to incoming patients and all who wait in the

Baker Reception rooms. The cost of this service is contributed by the Ladies' Visiting Committee. The "Traveling Store" consists of two carts filled with articles for sale at the General Store, which members of the Committee wheel from bed to bed through the wards. Patients enjoy looking over the attractive and varied display and have the satisfaction of personal selection when they wish to make a purchase.

There are other rewarding responsibilities, such as supplying and arranging all flowers and greens for the Chapel, and also providing such decorations throughout the Hospital from time to time; helping with the celebration of Christmas; keeping in touch with departments that ask our cooperation; and meeting appeals for money or material as generously and thoughtfully as we can, with special attention to pioneer projects. Members are always delighted when they have concert or theatre tickets to give for the use of the Hospital family.

Because of continuity of service and long experience, our members are sometimes permitted to help with special needs over and above our usual activities. Six Ladies' Visiting Committee members worked on White 9 until April, during the polio emergency.

In 1956 a member received a five-star pin for fifty years of service, the third member of this Committee to merit this fine distinction.

A representative from this Committee is invited to attend the monthly meetings of the Social Service Advisory Committee, a privilege that is highly valued. Meetings of the New England Hospital Assembly, the Greater Boston Regional Hospital Auxiliary and the 58th Annual Convention of the American Hospital Association were also attended with interest and pleasure. I have enjoyed very much and appreciated the invitations to me, as Chairman, to represent this Committee at many delightful meetings and tea parties, and it meant much to us to cooperate with the Staff Wives Association at Christmas.

The income that makes our services possible is derived from profits of the General Store and from the following funds: the Sarah Proctor Joslin Fund (1913), the Annie Norton Ward Fund (1920), the Katharyn Hoyt Watson Fund (1936), the Marion Lee Lawrence Memorial Fund (1936), the Mabel Hov-

ey Harris Fund (1948), the General Store Fund, and the Travelli Fund.

It is always with especial thanksgiving and appreciation that we append the figures of the General Store, operated by this Committee for the benefit of the Hospital, for these figures represent a very great gift in time and devotion of the Treasurer and the Chairman of the General Store.

The financial report of the General Store, which is operated by the Ladies' Visiting Committee, is not given elsewhere in this Annual Report. As a matter of record, the figures for 1956 follow:

Balance on hand, January 1, 1956		$ 7,413.57
Cash receipts		49,419.93
Total		$56,833.50
Expenses:		
Salaries	$ 6,362.60	
Stock Purchased	38,347.12	
Utilities Charge	163.15	
Miscellaneous	672.00	
Total Expenses		45,544.87
		$11,288.63
Paid to Ladies' Visiting Committee	4,500.00	
Paid to MGH Staff Wives Association	300.00	
Paid to Distaff Club	100.00	
Paid to Emergency Recreation (Polio)	500.00	
Expenses of Baker Hostess Service	37.85	
Total Paid Out from Earnings		5,437.85
Balance on hand December 28, 1956		$ 5,850.78
SUMMARY		
Receipts	$49,419.93	
Expenses	45,544.87	
Cash Gain	$ 3,875.06	
Value of inventory December 28, 1956		$ 3,745.00

From every member of the Ladies' Visiting Committee, our warm thanks to all the Hospital family for their faith and help and our most happy wishes for 1957.

MRS. CHARLES B. BURBANK, CHAIRMAN, PRESENTS THE FOLLOWING REPORT OF THE MGH STAFF WIVES ASSOCIATION:

The purpose for which the Staff Wives Association was founded five years ago—service to the MGH and hospitality to the foreign professional visitors—continues to be the prime motivation for the activities of the organization. No new projects have been pursued the past year, but it is felt that the existing projects have been expanded and are operating with a greater degree of efficiency. This has been accomplished by seeking out the special interests and skills of members, and delegating committee work in keeping with these talents. Although the Reception Center for Foreign Professional Visitors is a project within itself, the centralization of Staff Wives' activities which it affords, allows for increased efficiency.

Tea Committee: During the past year 400 invitations were sent prior to each of the three teas held. These invitations went to the foreign visitors, and all staff wives and their husbands. The average attendance was 90 to 100. It was obvious that those who attended were enthusiastic, but it was also recognized that sending invitations to all staff wives represented an expense in printing, postage, and time. Therefore, it was decided to send invitations this year to the members who indicated an interest in attending the teas. For the first tea, 325 invitations were sent to visitors, staff, and staff wives; there was an attendance of approximately 200. The committee is experimenting with a morning coffee this year, in an effort to draw people who find it impossible to come to afternoon functions.

Flower Committee: This committee provided flowers for the three tea parties, the annual meeting of the Staff Wives Association, and for such over-all Hospital functions as Ether Day and the Social Service Department Fiftieth Anniversary.

Music Committee: This committee, very important in terms of service to the MGH, was frustrated in its attempts to hold concerts in the Chapel for patients this past year by the noises, dirt, and drafts that invaded the White-Baker-Phillips House corridors during the construction of the new Warren Building. However, the ingenious committee provided recorded music on

the wards. The current music committee has engaged the time and interest of eight staff wives. Through their combined efforts three concerts have been arranged in the Chapel and one on the childrens' ward; and four additional concerts have been scheduled for the near future. The committee has solicited the interest of the Nursing Staff and the Ladies' Visiting Committee in an effort to call and re-call to the patients' attention the available music. Advance notices of the programs with a schedule for transporting patients to the Chapel are sent to each ward before each concert. The resourcefulness of the committee has produced talent on a professional level from its own membership and from the "Hospital Family" in general, as well as from outside musical circles.

Publicity Committee: This committee attempts to keep staff, staff wives, and visitors alerted to the Staff Wives Association activities and social functions. Material is being gathered for the preparation of a small brochure to be sent to visitors before they leave their home countries, so that they will be better equipped for their new life in the United States.

Reception Center: During its first year of operation the Reception Center for Foreign Professional Visitors to the MGH has absorbed most of the time and attention of the Association because of its newness, both as a Staff Wives' project and as an endeavor that had not, so far as we know, been pursued at any hospital in the country.

During 1955-1956, the first year of the Reception Center, 271 men and 92 women registered; 121 were accompanied to this country by their families—ranging from spouse to six children. These professional people came to the MGH for assignments or to visit for varying lengths of time from two days to two years, They came from 52 different countries and worked in every department and laboratory of the MGH. At the close of the fiscal year, the statistics show that there are 78 professional men and 34 women with MGH assignments, 56 accompanied by their families, and representing 41 countries.

The Reception Center opened in October, 1955, with 49 volunteers, three of whom were not Staff Wives but were interested in this new endeavor. Of this original group, eight

dropped out during the year for various reasons—including transfer of interest to other Staff Wives' projects. Thirty-eight pioneers volunteered for the continuing year together with 20 new volunteers. Of these six have no MGH affiliations and one is a member of the Distaff Club and eager to be a part of a service organization.

The Reception Center is covered regularly five days a week and operated throughout the year. The summer schedule was difficult to meet because of annual vacations and an increase of household responsibilities due to the recess of schools. However the desk was covered almost completely on limited hours during the summer months. The number of volunteers occupied at the Reception Center during the past year ranged from 11 to 43 per month; the hours of service to the Center each month ranged from 79 to 328, a total of 2,236 volunteer hours for the fiscal year.

The Reception Center does not pretend to solve all the problems of the foreign visitor, but considers itself a referral center; many non-professional services are rendered, and those which imply professional skill—medical, legal, and social problems —are referred to the proper resources. The non-professional services that have been given include information about the purchase and licensing of automobiles, language lessons, baby-sitters, schools for children, sightseeing, recreation, and most of all housing and furnishing of homes, which will be discussed later. Hospitality, in addition to the Staff Wives' teas, is extended to the foreign visitors and their families by the Community Chairmen through their informal parties, and by the committee that operates specifically during the holiday seasons in an effort to afford home entertainment for the foreign visitors.

Housing Committee: In glancing over the statistics for the past year it is not hard to realize that the greatest demand for service to the foreign visitors is for housing. A very active housing committee of three staff wives maintains a file of available rooms and houses; they have also been able to refer visitors to outside resources in locating necessary quarters. In locating housing, many factors are considered to meet the individual family need—proximity to schools, commuting costs, etc.

Furniture Committee: Unfurnished apartments afford the foreign visitors a sizable financial saving. To help in this area, the Staff Wives maintain a furniture exchange consisting of "casts-offs" obtained from members and interested people in the community. The furniture is loaned, then returned for further distribution at the expiration of the visitor's appointment at the MGH.

Community Chairmen: Because of the size of the membership which is constantly increasing, the continuation of the Community Chairmen program has been followed. The Community Chairmen reach out to the foreign wives in their suburban areas, the new staff wives, and the members who are somewhat tied to home responsibilities. There are now 12 separate communities or combinations of communities covered by this program. The Chairmen have had meetings for members with speakers, or have entertained for the visitors from other countries.

Other Staff Wives Activities: Eleven staff wives, independent of the Association, have organized to volunteer necessary help in the department of their husband's specialty, Child Psychiatry. They have been enthusiastically received by both departments of Psychiatry and Volunteer Services. Volunteer help has been given with clerical work, interior designing, and the selection of necessary toys for play therapy.

Eight Staff Wives also independent of the Association have volunteered directly to the Volunteer Department of the MGH, and work in various clinics or on wards of the Hospital.

Although the Staff Wives Association takes pride in its projects and its active membership, it is obvious that it is not providing enough variety of service projects to meet the interests of its active membership of 409 women. The organization is eager to prove success with its established projects before pursuing new ones, but it also recognizes that a fair amount of interest and especially service to the MGH is lost by such a limiting organization. It does not feel that being a wife of a staff member signifies eligibility or qualification for giving service to an institution of community prominence. Individual members have suggested many ideas for projects, showing a variety of interest and talent; it is recognized that teas, concerts, and reception

centers need not interest everyone. Because the MGH has no all-encompassing womens' auxiliary, the Staff Wives Association stand by to accept for membership, in return for service, any woman interested in our projects.

Dues continue to be $3.00 per annum and are voluntary; in the past year the Staff Wives Association had 156 dues-paying members. Contributions over and above dues were received from 38 members, indicating a supportive interest in furthering Staff Wives' pursuits.

The Staff Wives Association was represented at all the auxiliary sessions of the local, state, and national hospital meetings. Past president, Mrs. Oliver Cope, described the Reception Center at the Massachusetts Hospital Association meeting in May, 1956, and again at the National Hospital Association meeting in September, 1956, at the latter representing the MGH Coordinating Committee.

Staff wives assisted at MGH on Ether Day and at the opening of the Warren Building. The organization assisted the Distaff Club with their annual spring dance, and worked cooperatively with the Ladies' Visiting Committee for the annual Christmas party for MGH patients. The Association would like to look forward to an increase in projects representing the combined and cooperative efforts and mutual interests of all the womens' groups at the MGH.

Sincere thanks go to the active members of the Staff Wives Association who support the organization and its projects with service, time, and money, and to the Volunteer Department for their help and interest in the volunteer activities of the Association.

MRS. CHARLES F. MCKHANN, PRESIDENT, PRESENTS THE FOLLOWING REPORT FOR THE DISTAFF CLUB:

As in past years, the activities of the Distaff Club were primarily planned to provide entertainment for its members. Monthly meetings gave wives of the House Staff Officers and Research Fellows and the young women doctors on the House Staff the opportunity to become acquainted and to strengthen their ties both with the Hospital family in particular and Boston as a whole.

Most successful was the Spring Dance, now well established as an annual event to which everyone looks forward. It was held in May at the Parker House with Herbie Sulkin's Orchestra providing the music. A committee is already hard at work making plans for this coming spring.

The Staff Wives were our guests at a sherry party given in the Penthouse. Again, this event had high Distaff support, and those of the Staff Wives who were able to come seemed to enjoy it as much as did our members.

Among the speakers who very graciously gave of their time to us were Dr. Frederic M. Blodgett, who spoke on the "Family Health Program"; Mr. Lawrence Creshkoff, Assistant Director of Programs on Channel 2, whose subject was "Educational TV"; and Mr. Leslie Browning, from S. S. Pierce Company, who gave a delightful and informative talk on party foods.

The officers of the Club took an active part in the meeting of the Coordinating Committee of the Hospital and members contributed to the success of the MGH Family Christmas party by wrapping children's presents.

Two new ideas, proposed by members as a means of compensating somewhat for the large geographical spread of the membership, were implemented and are in their experimental stages at the present time. They are a Club newspaper, designed to keep members better informed of activities and business, and a group of Area Representatives, whose job it is to keep in touch with members in their neighborhoods and to help build cohesiveness on a local level.

Last fall the following officers were elected: President, Mrs. Charles F. McKhann; Vice President, Mrs. Harold Urschel; Secretary, Mrs. William Morgan; and Treasurer, Mrs. Robert Harper.

Report of the Advisory Council of The Massachusetts General Hospital School of Nursing

THE Advisory Council to the School of Nursing has held nine meetings from September 1955 through August 1956. In accordance with the desire to familiarize itself with the programs and problems concerning the School, the Advisory Council has this year been informed of six areas of instruction within the School.

Miss Natalie Petzold, Instructor of Nursing Arts, described the course in fundamental nursing which is given during the preclinical period of six months.

Mrs. Barbara King, Instructor of Anatomy and Physiology, the second speaker, presented the approach being made by science instructors to the teaching of an integrated course, including anatomy, physiology, chemistry and microbiology.

Miss Rosamond Peloquin, Senior Instructor of Surgical Nursing, presented the surgical nursing program for students.

Mrs. Virginia Johnsen, Senior Medical Instructor, presented the medical nursing program.

Miss Gwendolyn Bellam, Instructor of Pediatric Nursing, explained the twelve weeks' course in Pediatrics.

Miss Priscilla Andrews, Senior Instructor in Public Health Nursing, presented the program for students in Public Health Nursing as it is planned for the students assigned in the clinics, and explained how Public Health Nursing was integrated with all phases of the nursing program.

Emphasis has been put on hearing the programs in detail as the main business of the Council meetings since the Council felt that it must be kept up to date and be well informed as to courses given in the School. However, in addition to these discussions Miss Sleeper has kept the Council informed of other activities concerning the School and the Hospital. She presented a revised catalogue, gave interesting statistics concerning girls admitted to the September class, both in the diploma and degree programs, and she told of the demands made upon the Hospital by the polio epidemic of last summer. Miss Sleeper also re-

ported on the new Requirements and Recommendations for Approved Schools of Nursing issued by the Approving Authority for Schools of Nursing, and told of the difficulties in meeting these requirements. She told us of her trip to England and Denmark for committee meetings of the International Council of Nursing.

The Council has also been informed of the Legislative Bill, No. 705, to regulate the practice of nursing and registration of nurses.

The Annual Meeting in March concluded the tenure of membership for five members of the Council: Miss Daphne Corbett, Miss Sigrid Edge, Dr. Rita M. Kelley, Mrs. Thorvald Ross, and Mrs. Ralph Wetmore. They have all made real contributions to the Council discussions, and the Council is deeply grateful to them for the time they have spent, and the thought they have given to the problems of the School.

Mrs. W. K. Jordan, Chairman of the Nominating Committee, presented the following names for membership on the Council:

Mrs. Lloyd D. Brace, Chairman of the Advisory Council, for a second 3 year term.

Miss Jessie Porter, representative from secondary schools, for a second 1 year term.

Dr. Janet McArthur, representative from the medical profession, for a 5 year term.

Mrs. Nelson Aldrich, representative from the community, for a 5 year term.

Mrs. Charles A. Coolidge, representative from the community for a 5 year term.

The slate was unanimously accepted.

In reviewing the agenda for the past year, it is evident that the faculty of the School has contributed generously to the knowledge of the members of the Council concerning the School, and I would like to thank each and every one of them for the hours of preparation, and for their thoughtful presentations of their subjects. Through them the Council has gained immeasurably in its understanding of the problems the School faces.

Respectfully submitted,

HELEN R. BRACE
Chairman

Massachusetts General Hospital

Nursing Department

	1956
Average No. of Graduates on General Hospital Staff and Clinics	194
Average No. of Graduates on School of Nursing Staff	41
Average No. of Gradutes on Baker Memorial Staff	58
Average No. of Graduates on Phillips House Staff	58
Average No. of Accepted Pupils	279
Average No. of Preclinical Students	68
Average Total	698
Total No. Preclinical Students Admitted (includes 5 Degree)	125
Preclinical Students Dropped and Resigned (includes 5 Degree)	12
Students Graduated (includes 3 Degree)	106
Accepted Pupils Dropped and Resigned	16
Total Dropped and Resigned (includes 5 Degree)	28
Students Readmitted	2
Average No. of Graduates on General Hospital Staff—*Part Time	20
Average No. of Graduates on Baker Memorial Staff—*Part Time	10
Average No. of Graduates on Phillips House Staff—*Part Time	9
Total *Part Time Graduates	39

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING
OCTOBER 1, 1956

Graduate Nurses, General Hospital and Clinics	238
Graduate Nurses, Baker Memorial	61
Graduate Nurses, Phillips House	60
Total	359
STUDENT NURSES:	
Accepted students	255
Preclinical students three year program	92
Preclinical students Coordinated Program with Radcliffe College	12
Affiliating students from other schools	45
Total	400
TOTAL GRADUATE AND STUDENT NURSES	804
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL	
Baker Memorial	
MGH accepted students	30
Incoming affiliating students	0
Boston Lying-in Hospital	30
Massachusetts Eye & Ear Infirmary	9
McLean Hospital	38
Public Health	0
NUMBER OF STUDENTS AFFILIATED IN 1956 FROM:	
Simmons College School of Nursing	13
McLean Hospital School of Nursing	18
Henry Bishop III Memorial (Pediatrics)	23
Leominster Hospital (Pediatrics)	12
New England Baptist (Clinics)	38

*Part time nurses expressed in equivalent of full time.

The Nursing Department

The School of Nursing

THE preparation of graduate nurses to meet the growing demands created by population increases, accelerated use of hospitals and other health services, and changing patterns of patient care continues to be an important function of the Hospital. Although the demand for nurses is most often expressed in terms of a number shortage, the demand for stability of service and ability to function in the changing situation are of equal importance. In fact a significant part of the national and local shortage is without doubt created by the constant movement of nurses, and the inability of some nurses to meet the changing patterns of staffing and patient care.

The success of a school of nursing may be judged by three broad criteria. First, there is the admissions program which attracts an adequate supply of applicants to permit proper screening. Second, there must be a program which is consistent with the program of an educational institution, and which holds the student's interest and stimulates her to remain in the school to complete the program. Third, the curriculum must prepare the student realistically for entrance into nursing service or nursing education. Furthermore, the curriculum should develop insights and values which will stimulate the graduate in turn to work toward the improvement of nursing.

In spite of an active recruitment program the School has shown a slight decrease in enrollment this year. Although the average difference is only fourteen students as compared with the previous year, this decrease points out a trend and so is significant. The number of applicants to the September class remains high. Only one student out of every five possible applicants can be accepted in September. Ninety-four were admitted this fall, the maximum number possible under the present program. Again this year the March class was small. Only twenty-seven applicants were admitted. Many of the applicants to the September class, who could not be admitted because that

class was filled, accepted appointments to a waiting list for the March class, but canceled their appointments almost immediately to go into other schools in the fall. Each year the recruitment of a spring class grows more difficult and less productive.

Following a preliminary study of the situation in the late spring, the faculty recommended an estimate of facilities and personnel necessary if the March class were to be omitted and the September class were to be increased to one hundred and thirty students in 1957. This study is well under way, and will be ready early in the next year for presentation to the Administration and the Trustees' Committee on Nursing.

Drop-outs decreased this year. From the School as a whole there was a loss of 6%, as contrasted with 7% the year before or with the continuing national average loss of approximately 30%. It is difficult to find any one specific reason for this improvement. There have been revisions in the admission procedure, better teaching on the wards and in the clinics, division of classes into smaller sections, more liberal policies for married students, and a constant effort to improve the curriculum.

Major changes this year have included the introduction of class days for all students, except preclinical students and nurse interns. The class day plan groups all formal classes, clinics, and excursions on two days, allows four eight-hour days for uninterrupted patient care experience, and assures the student a day off free from required classes. Diet kitchen experience, as such, has been discontinued. In its place is now a comparable time for assignment to comprehensive care of patients with major nutritional problems. Assignments include study of patients with guidance from the nurse instructor, opportunity to plan for the patients' dietary requirements with the nutrition instructor, and for the teaching and continuing care at home with the public health nurse. Both the introduction of the class days, and the modified plan for teaching nutrition have in most areas benefited the patients and ward services, as well as student education. The Head Nurse can plan more effectively for patient care and student assignment. The student can concentrate on classes without concern for patients left all too hurriedly at class time. The improved continuity of patient care experience furnishes better opportunity for learning, and it is hoped also

helps the student better to identify the educational values in her patient care experiences.

A growing student body and a progressive curriculum require teaching facilities which keep step with changing needs of the School. Amphitheaters may serve for lectures. The School very much appreciates the opportunity to share in the use of these facilities. But today's students who will be tomorrow's graduates must not be lulled into unquestioning acceptance of information by constant use of the lecture method. Their future and ours will depend upon the ability to think, to discuss, to challenge. This approach to nursing education requires small class sections and access to a sufficient number of small class rooms.

During the year several improvements have been made in class rooms. The former cooking laboratory has been remodeled to make two class rooms, one for the School and one for Nursing Service. Space was found for the School secretaries on the first floor of Walcott House, and a second class room provided on the ground floor there.

Included in the study of the School's program is a reappraisal of the internship. Although much is still to be done to reach the goals originally established for the internship period, there seems little question of the value of the plan. If one class a year can be taken, it is probable that the recommendations will also include a lengthening of the internship from eight months to a full year. It must be recognized, however, that the student nurse should view her internship as the doctor sees his internship, a time for personal maturing, a time for development and practical application of skills, a time for growth in self-dependence and professional discipline. Unless this can be so there is every possibility that the nurse intern will see herself as a junior staff nurse, assigned only for a year of ward service, and will fail to see the inherent educational values in this period of her student program.

The Coordinated Program conducted jointly with Radcliffe College also contributed to the decrease in enrollment. Withdrawal from the nursing segment of this program is almost without exception during the college years.

The Coordinated Program has been in effect now for ten years. In the spring Radcliffe College secured a foundation

grant for the purpose of studying the program. It is hoped that all aspects of the plan may be included in the study, and that some modifications may be found which will encourage these young women with broad academic preparation to remain in nursing where their contributions are so much needed.

School policies have been further modified. Married applicants who appear ready to carry both home and school responsibilities are now accepted. It is now common for the married student to live out. Holiday time was increased to give students the ten holidays enjoyed by the employed personnel.

In the spring the Approving Authority for Schools of Nursing in Massachusetts issued a new set of regulations. The School already had met most of these. A letter reporting the inability of the School to fully meet some of the requirements was sent to the Approving Authority. Most important of these are: 1) the combined hours for the practice assignment and class total more than 40 hours, the approved weekly schedule for student nurses; 2) some students are assigned to wards for evening and night experience when no graduate nurses is assigned as the regulations require; 3) evening and night assignments have totaled more than 14 weeks each as specified in the regulations. The Nursing Service is interested, for the welfare of the patients as well as for the education of the students, in the employment of a stable night and evening graduate nurse staff. Considerable progress has been made, and it is expected that the records of students graduating in September 1957 will show marked improvement.

One change which the School is pleased to report is the appointment of a doctor from the Visiting Staff for the School of Nursing Health Service on a part time basis. Many Residents over the years have given generously indeed of their skill and energy to keep our students nurses well. For their contribution the School wishes to thank the Medical Service which saw this as a worth-while appointment for the young medical man. Our appreciation also goes to the doctors themselves. But when one doctor, a member of the Visiting Staff, can be available in the Student Health Clinic daily, he can develop a continuing doctor-patient relationship with the student nurse. The inherent values in such a medical service cannot be secured in a clinic conducted

by a young resident on a two months assignment regardless of his interest and skill.

Although student health is good, the number of days lost in the third year continues to be a matter of concern and study.

Little has been done to refurbish the residences for the past two years. However, most rooms are now supplied with new Hollywood beds, and this addition met an urgent need. It is hoped that the coming year may see more done for general upkeep to keep the houses attractive, and that two floor lounges with kitchen facilities may be added in Walcott House. If the School enrollment is to be increased, then the problem of housing space will need serious consideration to the point where the School may need some rooms now occupied by graduate nurses.

The Nursing Service

Periodically in the life of a hospital come years when multiple changes in patients' needs and medical practices suddenly solidify into new patterns of patient care affecting the over-all functions and load in the Nursing Service. The fiscal year 1955-56 has been such a year.

The residue of last year's polio epidemic, the increased number of admissions to the Hospital, the changing ratio of nurses to auxiliary workers, the acceleration in medical and surgical orders, the enlarged resident staff, all share in the impact made upon the role of the nurse. Obviously, methods learned from the concentrated care given the acute polio patients tend to lead to new methods of care; more admissions tend to result in a more acute service; more doctors tend to plan more care for nurses to give; a higher ratio of auxiliary workers to nurses inevitably modifies the function of the graduate nurse.

Traditionally the average graduate nurse sees herself as the one who gives direct patient care. This activity with its patient and medical relationships is a major source of satisfaction to a nurse. Through the direct patient care many nurses expect to achieve their professional goals. In the Phillips House alone does the staff nurse at MGH have consistent opportunity today for this type of care. In all other units the staff nurse and the student nurse intern find themselves for the most part a director

of auxiliaries, or occupied with medications and special techniques. Although both recognize the importance of these functions each tends nonetheless to resist her separation from the patient and the relationships which to her are *Nursing.* To the younger student nurse and the auxiliary worker come the lion's share of the rewarding experiences found in patient care.

If our present system with its diversely prepared workers is to succeed, the nurse must be helped to see and accept her new role. She must learn how to find opportunities for patient contacts in this new role. She must have support and counseling which will help her to work successfully with auxiliary groups. With the other nursing personnel she must find new ways of working which will enable the nursing team to give safe and adequate care to increasingly larger numbers of patients. There must be equipment as needed, automation as it can be found practical, and reassignment of functions as rapidly as personnel can be trained. In large part these needs formed the basis of the Nursing Service program this year.

In-service education has been increased. The orientation program for all nursing personnel has been improved. Three hundred and sixty-four employees, an increase of sixty-nine over the previous year, have been included in the teaching. A unit for head nurse development has been offered three times. A unit for suprvisor development was introduced in the fall. A new in-service program started early in the year for ward secretaries has finally caught the enthusiasm of that group. The aide training program has continued. Eight nurses from three different countries abroad on the Exchange Visitors Program have been oriented under a plan set up especially for the foreign nurse. As all of these programs are geared to prepare the worker better for the job to be done, all have definite value to the Hospital as well as to the worker.

The plan for the practical nurse students affiliating from the Household Nursing Association School for Practical Nurses has been changed during the year. Three groups instead of two are accepted annually for a period of nine months. During the year 40 students began their ward experience at the Hospital and 26 completed their affiliation.

The Committee on The Team Plan has completed a guide,

and set up plans for introduction of all groups to the team concept. Plans for a more intensive emphasis, and a workshop for all nursing personnel are ready for launching.

The analysis of nursing methods and equipment, with the help of the Administration, the Pharmacy, Central Supply and Laundry has tested the value of changes, such as the use of disposable syringes, the provision of simplified equipment for procedures, and the introduction of a linen supply and control plan which is time-saving for Nursing and money-saving for the Hospital.

In the early summer a full time coordinator was added to the nursing staff for patient referral and teaching. A survey of the referral plan and conferences with representative public health nurses throughout the state showed both the need for a revision of the referral form, and plans to stimulate its use. A review of teaching materials by the Committee on Patient Referral and Teaching produced a wealth of printed materials available to the MGH patient, but also considerable duplication and inconsistency in the materials. The review showed also a promising awareness of all personnel for the need of proper preparation of patients for discharge, and care at home.

The scholarship program begun several years ago has been broadened to prepare our nurses better, and as a means of encouraging nurses to remain with us during their period of study. Twenty-five head nurses and twenty-four staff nurses are among the eighty-two who have taken advantage of this opportunity for part time study during the year.

For the first time in many years the head nurse group, as well as the supervisory staff, shows a growth in stability. This is a significant factor in patient care, since all doctors change every two to three months, all student nurses must be rotated at intervals for their learning experiences, and the present rate of turnover in staff nurses and auxiliary workers varies from 80% on some units to 100% on others. But for the head nurse and the supervisor, continuity of care and basic policy might well be jeopardized. If in the coming year both of these groups can be held stable the way will be opened for a variety of new and interesting plans which should benefit all groups.

Several factors have contributed to the satisfactions and sta-

bility of the head nurses. A change in the salary schedule in July for head nurses, other administrative nurses, and teachers, recognized more realistically the responsibilities carried by the head nurse. With this increase vacancies for assistant head nurses were filled which also gave added support and assistance. In some clinical units doctor-nurse communication and planning has shown encouraging growth. When units are compared in over-all stability, the smaller units such as the Bulfinch, Phillips House and Vincent-Burnham, with their opportunity for more intimate relationships, show greater steadiness. The White Building with its large resident surgical staff, and its many emergencies, illustrates well the resulting lack of communication and planning when the doctors' care to patients must be given so largely in the evening after the head nurse has left for the day. The Baker Memorial in turn shows the difficulties in administration of a unit with a large visiting staff for which there is no one available chief to coordinate the whole.

In many respects there has been unusual confusion this year in the patient care areas. Several clinics have continued to function without loss of impetus in spite of remodeling, refurbishing, and administrative reorganization. The construction of the Warren Building brought loss of beds, working space, and outside light and ventilation on eight floors of the Baker Memorial. Remodeling of solaria to add beds contributed further to the constant confusion and time-consuming moving. The increased use of General Hospital facilities, including for the first time solaria without adequate equipment, to provide extra space for Baker and Phillips patients has upset the balance in staffing in this unit.

To all of the personnel who accepted these changes and pressures in such good spirit should go special thanks. But with the confusion has come some progress. The remodeled clinics facilitate patient services, Baker Memorial 7 is now experimenting with a patient communications system, hoping it, too, will add security for the patient and subtract steps for the nursing personnel, and oxygen and suction have been installed in every room on Baker 9.

That the Nursing Service benefited from the cohesiveness developed during the polio emergency is evidenced by joint study

and planning by personnel from all units. An examination of the activities of the year to secure, hold, and stimulate all groups of nursing personnel will show a well rounded program realistically planned in terms of the demands now made upon Nursing. Yet Nursing has obviously not found the adequate answer to the turnover of personnel, the continuing frustration of all workers at the patient-side level, or the means of securing communication, with two-way understanding, with the Medical and Surgical Staffs. One positive step toward the determination of evolving functions and job satisfaction for head nurses is already under way. Head nurses in The Clinics are now participating with nurses from eight other Boston hospitals in a study currently conducted by the Human Relations Center at Boston University.

Special housing for graduate nurses was considered before the building of Bartlett Hall. At this time it was recommended that apartments outside the Hospital grounds be secured for graduate nurses. When Bartlett Hall was opened the question was temporarily dropped, as it was hoped that special plans for our graduates might be made in the West End Development Project. The number of graduate nurses living in averaged 10 more every day in 1955-56 than in the previous year. There is every reason to believe from experience elsewhere that there is a significant relationship between the housing facilities available to the graduate nurse and stabilization of employment.

As in the past, we have had a generous share of the Volunteer Red Cross Nurses' Aide services. Although the number of hours is not great, most have been given during the evening period when help was needed most. We are all grateful to the Metropolitan Red Cross for these services. We are especially grateful also to the Red Cross who recruited the polio nurses to help on White 9, until April 30, 1956 when the ward staff could manage the necessary care, and to the National Foundation for Infantile Paralysis which financed them.

In the fall the Personnel Office was asked to conduct exit interviews whenever possible with all nursing personnel. It was the hope that an objective, expert interviewer might help to determine whether the actual causes of resignation were known. Data to date is insufficient for use.

In the spring the Director of Nursing began to attend one meeting of the General Executive Committee each month to discuss pertinent problems of patient care, and the demand for personnel. In the fall a subcommittee appointed by the General Executive Committee with doctors representing five large clinical areas began to meet with Assistant Directors of Nurses from the General Hospital, and the Associate Director and Director of Nursing. A member of the Psychiatric Staff has met during the fall with various groups of nurses having administrative responsibility to discuss ways and means of improving and facilitating individual and group relationships. No special progress can be reported now, but the door for two-way communication and understanding seems more penetrable than ever before, a fact which of itself holds promise for the future.

As in the past the staffs of both Nursing Service and the School have carried their share of community activities: they have served on the Nursing Council of the United Community Services; in local, state, and national nursing organizations; and one went again to teach in seminars on nursing service in three Central and South American countries. Contributions have also been made to nursing literature.

As we enter the new fiscal year we can be sure that pressures upon the Nursing Service Staff will increase, and demands for new and more effective teaching will be felt by the School. We know also that increase in numbers of nursing personnel or teachers is uncertain indeed. There remains to hold our morale high, however, the loyalty and dedication of the Nursing Department Staff as a whole, and the much appreciated help and understanding of the Medical Staff, Hospital Administration, and Trustees.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Report of the Social Service Department

THE year 1956, starting the second half-century of the Department has presented many of the familiar services and problems of the previous years but several developments during the year indicate possible trends for the years ahead.

Like the broken record there is repeated each year through workers' annual reports certain predominant problems. Referrals of patients with malignancy and other severely handicapping or slowly progressive chronic illnesses, the increasing number of the lonely and often isolated older citizens needing friendly protective care, and the tragic sick or injured alcoholic without family, funds or a place to stay represent some of the most difficult aspects of our service. All need long continued supportive social services as well as concrete community facilities for support and care which are still woefully lacking or inadequate. These are chronic hospital care, nursing home care, respectable homes for the slightly senile aged person and places for understanding care and treatment for the alcoholic. There is need for continued community action through both voluntary and official agencies to meet these needs.

Our statistics and financial relief for patients reflect these problems. An accumulative case load of the long term problems is shown in the increase in our active average monthly number of patients served. In 1954-55, it was 1,418; in 1955-56 it rose to 1,575. This increase of over 150 patients served per month represents a suitable work load of three additional workers.

Transportation costs for patients reached an all time high of $11,123 this year, the largest single item with which the Department was involved. Frequent visits for x-ray treatment, physical therapy and follow-up clinic treatment for severely handicapped or ill patients require Red Cross, taxi or ambulance transportation that is medically recommended. About one half of this amount came from public funds, the remainder from special funds donated to and administered by the Department, such as the American Cancer Society (Massachusetts Division), and the Permanent Charity Fund.

A suggested solution for several problems might be the establishing of a boarding unit as part of or near the Hospital where patients not requiring skilled nursing or medical care could stay during long series of daily treatments or while waiting a day or so for suitable after-care plans to be worked out. There has long been such a need for patients particularly receiving x-ray treatment and physical therapy.

Rehabilitation

The temporary closing of the Rehabilitation Ward was a real loss. While rehabilitation is and should be the responsibility of and an integral part of each clinical service, special focussing on these problems and more available facilities will bring emphasis on the skills needed in training all personnel. The Rehabilitation Training Unit here for Social Service students under Miss Mildred Alexander, supported by a Federal Grant to Boston College and Simmons College Schools of Social Work, has four students assigned for 1956-1957. Miss Alexander's service here has also helped to deepen our staff's knowledge of skills in the rehabilitation process. The re-establishing of the ward with the team of professional persons learning together should do much to make more effective the medical care given here.

Other new developments both in hospital administration and clinical care are affecting our services.

Coordinating Service for Public Agency Clients

In the fall through the generosity of the Hyams and Permanent Charity Funds this long hoped for coordinating office and study projects for clients of public agencies became a reality. To be able to study the role of the large general hospital in serving clients of public agencies and to work out criteria and procedures both internal and external should mean more adequate service to the many patients treated here. It will have also educational value both for hospital personnel and public agency staffs. This will mean that in Social Service we can put our efforts into working more closely with agency staffs on the social planning while the Hospital Administration assumes the responsibilities of authorizations, billing and medical reports.

Changing Staff Relationships

The growing knowledge and participation by doctors, nurses

and psychiatrists in the social realm gives us opportunity to study with them the special knowledge and contribution of each member of the team. Through conferences attended by physician, psychiatrist, nurse and social worker to be developed in the Medical Clinics, as well as the already established medical-social ward conferences on various services, we hope to study our changing cooperative role and to begin to develop our skills as we learn to work through others as well as to carry services collaboratively.

Baker Memorial and Phillips House

Social Service to patients in the private pavilions has been an established unit since 1930. Under the skilled and imaginative leadership of Miss Dorothy Kellogg the service has increased in the last year. Referrals or consultations average 40 to 50 per month; these concern patients for whom specific new medical-social planning is under consideration and evaluation, and is in addition to an average of 35 patients per month for whom continuation of medical-social follow-up or adaptation of prolonged care is indicated. There were 136 different staff doctors who referred their patients selectively. It seems wise in terms of future planning that the possibilities of increasing available staff in this unit be given careful thought.

It is heartening that the Trustees have appointed a Storrow House Committee, of which Miss Kellogg is a member. In her report Miss Kellogg says:

> "I am hopeful that results will be forthcoming to make this Convalescent Unit of our Hospital one of the best in supportive and preventive care for our patients. As I think of the 88 patients (in the year from October 1, 1955) from Baker and Phillips House, for whom I have helped plan interpretively, as advised by their doctors, for a restorative convalescence, I am convinced beyond a doubt that this hospital unit meets a real need. This is apparent from comments of patients who have been there and from accumulated experience. It seems clear that convalescent needs can be met more effectively at Storrow House, and many more patients could have and would like to have its benefits when necessary improvements are made."

Psychiatric Service

In this section of the Department there has been the most striking change and diversity in activities. The increased emphasis on training of psychiatric fellows, psychologists, social service workers; the numerous research projects; and the mental health training program, added to the increased on-going traditional services in both adult and child psychiatry and the alcoholic clinic have demanded of Miss Sylvia Perry, Supervisor, and her staff versatility, adaptability and heavy responsibilities, which they have carried skillfully and unstintingly.

Until June the psychiatric service workers with the medical social workers helped to cover the polio respirator ward. Three purely research projects have been given psychiatric social service coverage — the Asthma House Dust Study under child psychiatry, the Study of Children with Endocrine Disturbances, and the now completed Study of Patients with Two or More Psychosomatic Diseases.

The establishing of the Mental Health Training Program for psychologists and social workers, while shared by Mrs. Laura Morris here and Miss MacNobala at Wellesley, has required consultation, coordination and planning by Miss Perry who acts as titular head, administrator and coordinator. One social worker with experience is enrolled as student in this program with a stipend under the Federal grant which is supporting the training program. This new venture in training social workers in mental health is an interesting and unchartered field for social work in a hospital setting.

The child psychiatry unit, under Miss Perry's supervision and the able direction of Miss Eleanor Clark, has been doing outstanding work in all the fields of service, research and training. With Dr. Gaston Blom's leadership the child psychiatry service has grown. Starting first under grants for training and research in problems of children with rheumatoid arthritis, increased service to many sick and disturbed children has been given. Because the child psychiatry unit has grown through its research and training programs, there has not been careful consideration in establishing on a sound financial basis the basic treatment services to the many children under care. In the coming year this should be considered so that it is not dependent on funds for

training and research in special diagnostic categories. The Hospital may well take pride in this ever available coverage and service to children and their parents.

Community Relationships

With the present trend of the Hospital to serve in a diagnostic and consultative capacity to patients from many communities, the Department is participating with the medical staff in adequately planning for continuity of care for patients in their own communities. This means increased knowledge and cooperative planning with community, social and health agencies.

Community Studies

The staff has participated in three community studies, The Study of the Long Stay Patient, the Study of Continuity of Medical Care, and the Study of Nursing Homes, all of which are part of the medical care evaluation studies being carried on under the Health Division of United Community Services with Dr. Leonard S. Rosenfeld.

Staffing

With the exception of the last three months of 1956, there has been high turnover in staff and resultant shortages. Since October, however, we have seen signs of more stability and an almost full quota of professionally trained people to fill the positions.

The anticipated and continuing effect of the new salary scale approved by the Administration and Trustees and effective January 1957, is evident. This heartening vote of confidence has done much for morale and for more adequate staffing. We hope to be able to measure up to this trust.

Miss Elizabeth Gloyne from the Institute of Almoners in London has joined the staff for at least a year under a Fulbright Travel Grant. Her experience and maturity is of great value to the Department.

Teaching

Twelve graduate students from four different schools of social work have been assigned for their field training here. They come from the schools of Boston College, Boston University, Simmons and Smith Colleges.

The Department suffered a real loss in the death of Dr. John P. Monks, who for over twenty years was a staunch friend and imaginative supporter of Social Service in all its activities. His initiative and work with us in the publishing of the first Handbook for Physicians in 1934, his teaching of the social aspects of medicine to medical students and his understanding work with Social Service in his care of patients in the Medical Clinics made a real contribution to the Department and the Hospital.

His bequest of $20,000 to the Social Service Department for use at the discretion of the Chief of the Department has great meaning in offering us an opportunity to better our services through studies and teaching. His courage will be a lasting inspiration to all of us, as we carry forward those services to which he gave of his time and thought.

Each year tribute must be paid to the Social Service Advisory Committee for its thoughtful and faithful help in policy and program planning and constructive support. Since 1939, Dr. Edward L. Young, as Chairman of the Committee, has brought to the Committee, the Hospital and the Department sound, forward-looking social thinking. Such leadership as his makes possible carrying the burdens and striving toward higher goals.

JOSEPHINE C. BARBOUR
Chief of Social Service

Report of the Dietary Department

NINETEEN FIFTY-SIX has been a year of change. In each area of dietary service there has been a continuous and consistent modification of pattern and procedure.

An exceptionally high house count (2,057,362 meals) was paralleled by orders for modified diets. These orders varied startlingly according to service — in the Phillips House, low sodium diets increased by 82.7%; orders for high protein diets increased 61% in the Baker Memorial; while in the General Hospital (due to the polio patients) the low calcium diet and tube feeding plans reached an all time high. The Nutrition Clinic analyzed dietary prescriptions and found reduction, low sodium, bland, high protein, and diabetic orders the most common. These five groups also were reflected in the analysis for in-patients, as well as in some of the studies on the Mallinckrodt Ward. (Research studies were discontinued in Vincent-Burnham this year.)

There have been several physical changes within the Dietary Department. The construction of a central dishroom for the cafeterias was completed. In March, 1956, a completely automatic Hobart dish machine was installed. Because of the size of the machine the salad room had to be moved, and a new office area arranged; also a closet in the truck room was made into a sink room area.

Service continued with a minimum of confusion during this period of construction. The cafeteria census increased to a total of 1,209,669 meals (444 reservations in the East Cafeteria). Acting upon a Work Simplification suggestion from the Nursing Department, a Servend Unit was installed in the counter room adjacent to the Supervisors' Dining Room to alleviate the long lines in the cafeteria. This vending machine has proved most successful for the patron who wants just a snack, such as sandwiches, ice cream, and beverages.

There have been many worthwhile Work Simplification projects resulting in a new locker room, redecoration of the men's

lounge, revised scheduling, studies of the mechanics of service, and so forth. The evening conference once a month, suggested by the dietary personnel, has been a most rewarding experience for each of us.

On Ether Day thirty members of the Dietary Department received service pins.

There were twenty-one interns enrolled in the School of Dietetics. The internship brochure was revised by the Community Relations Department and was sent to the Schools of Home Economics at the beginning of their Fall Semester. This attractive new publication should facilitate recruitment.

Our ambitions for an in-service training program, staff education and an integral student pattern have not been fulfilled, but basic preparations have been made and we look forward to continued progress in those areas during 1957.

LOUISE HATCH
Director of Dietary Department and School of Dietetics

Report of the Volunteer Department

THE past year was one of continued progress in the expanding of our service. In October, February and May, prospective volunteers were given group indoctrination and training, bringing the total to 575 volunteers serving during the year and contributing 50,191 hours. There were 26 volunteers who have served over 5 years and 33 over 10 years with 58 new volunteers awarded the American Hospital Association 100 hour volunteer service pin.

Much time and effort were spent in carefully selecting and training 110 volunteers to assist Nursing Service in the evenings from 6:30 - 9:30 p.m. As of April 30 the Evening Supervisors in Central Nursing Service assumed the responsibility of scheduling and supervising these volunteers. They assist with non-nursing and clerical duties in Bulfinch, White and Vincent-Burnham, thus relieving nursing personnel to care for patients. Red Cross Gray Ladies serve in the Baker Memorial.

The forty Harvard pre-medical students serving through the Phillips Brooks House General Hospitals program continue to be an outstanding and enthusiastic group.

Seven volunteers are assisting with the development of a Children's Recreation Program on the pediatric floors of the Burnham Memorial for Children.

The Institute of Contemporary Arts educational project of distributing reproductions, books and magazines on art has been warmly received by patients and staff for the second year. Fifteen members of the Institute have been volunteers. They make weekly visits with the Art Wagon to various areas in the Hospital.

We are very grateful to the Boston Metropolitan Chapter of American Red Cross for adding the Junior Red Cross Service and expanding the Arts and Skills Service. A total of 55 Red Cross volunteers serve weekly.

At the request of the Hospital Administration we duplicated the Baker Hospitality Service in the White Building. This

thoughtful service of greeting the newly admitted patient and family in a friendly, leisurely fashion and serving coffee, tea or hot chocolate is greatly appreciated.

We wish to extend our thanks to the Ladies' Visiting Committee for the renovation of the Lawrence Memorial Room which is used by all volunteers as a lounge and coat room.

Careful appraisal and study of our service will continue so that we can help meet the demands arising from various changes and developments as they take place throughout the Hospital.

MARY RUTH WOLF
Director
Volunteer Department

Report of the Treadwell Library

LOOKING back fifteen years to the Report of the Treadwell Library for the year 1942, we find that the number of persons using the Library has increased from 11,677 to 34,441, the number of items loaned from 4,201 to 11,712 and the number of items borrowed from other sources from 1,301 to 3,001. This is approximately a 300 per cent increase in the use of the Library facilities. The number of journal subscriptions has increased from 122 to 222. The number of volumes in the Library has increased comparatively little — from 16,571 to 20,092 — because of lack of space necessitating the weeding out of older material. In addition to unbound periodicals, 440 bound volumes have been discarded this year.

The conversion of the smoking room for use as a book room, begun last year, has finally become *un fait accompli.* It is a great satisfaction to all to have it completed after over a year of upheaval. The segregation of books in the smoking room and the relocation of periodicals was accomplished without interruption of service to readers. The alcoves on the main floor of the library proper now house only periodicals, arranged alphabetically. An attempt has been made to place on this floor the most commonly used volumes, with those less frequently used on the second and third tiers. This change has already saved readers a great many trips over the stairs. To judge from the appreciative comments, the new arrangement seems to meet with general approval.

During the year the ceiling of the third tier has been repaired and the ceiling and walls painted. This repair has freed shelf space which for some years has been unusable.

It is still hoped that more personnel will be provided to carry out the various projects noted in last year's report.

In April the Treadwell Library was hostess to the Hospital Library Section of the Catholic Library Association, which was holding its Annual Meeting in Boston. This visit included an inspection of the Library, an informal discussion of library pro-

cedures over the coffee cups in the private dining room and a tour of the General Hospital.

The large library table, donated by Miss Mary Williams for the use of the Librarian, has been made available for current journals and a similar, smaller table has been provided for the Librarian. This new arrangement has greatly improved the appearance of the Library and has made sufficient space to display the journals received in the Library during one week's time.

Again this year the Librarian wishes to take this opportunity to express her gratitude to the two faithful volunteers assigned to the Treadwell Library. Miss Helen Bernice Sweeney has started her fourth year, giving one morning every week on difficult and time-consuming assignments. Mrs. Virginia L. Crowell is starting her third year checking Hospital records to furnish discharge diagnoses for the surgical fatality reports which are indexed, bound and housed in the Treadwell vault. She does most of this work in the Hospital Record Room, but she occasionally consults the records at the State House when the Hospital records are unavailable. Mrs. Crowell also helps out in the Library in various capacities when called upon as needed.

The Librarian wishes to thank all of those who have so generosuly contributed items to the Library again this year. Treadwell has been very fortunate in helping out other libraries from this material and from the items for which storage space is not available. During the year 6,419 items have been contributed to other libraries. The Librarian is particularly grateful to the following authors for copies of their books: Dr. Nathaniel W. Faxon: "A history of the Society of Medical Administrators and the Medical Superintendents' Club, 1920-1955"; Dr. George W. Holmes and Dr. Lawrence L. Robbins: "Roentgen interpretation"; Dr. Joe V. Meigs: "Surgical treatment of cancer of the cervix"; Dr. James C. White and Dr. William H. Sweet: "Pain. Its mechanism and surgical control"; Dr. Paul D. White: "Clues in the diagnosis and treatment of heart disease."

The statistics, which speak for themselves, follow:

	1955	*1956*
Number of periodical volumes	11,519	11,688
Number of other volumes	8,692	8,404

Number of pamphlets	7,504	2,523
Number of periodical subscriptions	220	222
Number of volumes loaned	8,770	9,558
Number of unbound periodicals loaned	2,417	2,154
Total number of loans	11,187	11,712
Number of items borrowed from other sources	2,835	3,001
Number of persons using library during days	28,704	31,389
Number of persons using library during evenings	2,793	3,052
Total number of persons using library	31,497	34,441

ELEANORE ASHTON LEWIS
Librarian

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarships, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation considered worthy of a premium on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1959 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D.
General Director

Statistical and Comparative Tables

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1947.....	1,788,631.	533,661.	646,086.	1,393,308.	848,320.	5,210,006.
1948.....	2,039,483.	609,577.	732,721.	1,714,275.	1,175,131.	6,271,187.
1949.....	—	—	—	—	—	7,300,335.
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431.	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.
1953.....	3,064,151.	887,828.	907,984.	2,084,635.	2,788,945.	9,733,543.
1954.....	3,168,890.	1,012,659.	1,006,092.	2,407,785.	3,229,039.	10,824,465.
1955.....	3,575,242.	1,008,501.	1,042,335.	2,512,596.	3,473,377.	11,612,051.
1956.....	4,261,912.	1,158,356.	1,203,094.	2,770,015.	3,690,189.	13,083,566.

TOTAL ACCRUED EARNINGS

1947.....	924,913.	390,984.	669,825.	1,342,783.	551,456.	3,879,961.
1948.....	1,151,401.	438,381.	817,177.	1,708,511.	675,161.	4,790,632.
1949.....	1,195,444.	479,556.	907,691.	1,863,333.	933,339.	5,384,363.
1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677.	6,941,796.
1953.....	1,922,424.	599,384.	1,165,987.	2,476,787.	1,410,630.	7,575,212.
1954.....	1,958,527.	648,324.	1,177,469.	2,638,040.	1,512,106.	7,934,466.
1955.....	2,357,868.	645,829.	1,235,431.	2,718,253.	1,700,183.	8,657,564.
1956.....	2,900,094.	659,737.	1,434,467.	2,966,123.	1,762,277.	9,722,698.

STATEMENT OF STOCK ON HAND

	Sept. 30, 1956	*Oct. 2, 1955*
Total Stock on Hand September 30, 1956 and October 2, 1955 respectively	$641,472.19	$586,857.12

GENERAL HOSPITAL

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1947.....	7,594	124,203	17— "	4,579
1948.....	7,390	126,554	17+ "	5,339
1949.....	7,694	125,830	16+ "	5,259
1950.....	7,370	123,711	17— "	5,413
1951.....	7,232	115,904	16— "	4,885
1952.....	10,547	118,120	11+ "	4,793
1953.....	10,698	127,337	12— "	5,639
1954.....	10,521	127,496	12+ "	7,052
1955.....	11,586	141,585	12+ "	6,868
1956.....	11,083	141,231	13— "	7,225

GENERAL STATISTICS [1956] [1955]

Patients in Hospital:	*Oct. 3 1956*	*Oct. 4 1955*	*Oct. 4 1954*
Medical	203	168	154
Surgical	169	161	172
Children	33	17	25
Total	405	346	351

Patients admitted during year:	*1956*	*1955*
Medical	4,576	4,825
Surgical	5,865	6,013
Children	642	748
Total	11,083	11,586

Patients discharged during year:		
Against advice	45	25
Died	671	680
Otherwise discharged	10,453	10,822
Total	11,169	11,527

Patients' day treatment:

(Reckoned from discharge rates)	*1956*		*1955*	
Paying patients	97,449	(69%)	89,199	(63%)
Part-paying patients	38,133	(27%)	46,723	(33%)
Free patients	5,649	(4%)	5,663	(4%)
Total	141,231	(100%)	141,585	(100%)

	1956	*1955*
Net income, General Hospital	$2,900,094.44	$2,357,867.61
Total number of patient days	141,231	141,585

	1956	*1955*
Average number of patients per day	387	389
Number of beds available	436	461
Percentage of beds occupied	91.8%	84.3%
Autopsies	66%	69%
Per capita earnings (excluding special nurses)	20.53	16.65
Per capita earnings on special fees	9.46	7.78
Per capita cost of foods, patients only	.89	.82

HOUSE PATIENTS

Residences

	1956	*1955*
Boston	4,413	4,274
Metropolitan Boston	4,411	5,141
Massachusetts (except Metropolitan Boston)	1,928	1,832
Outside of Massachusetts	331	339
Total	11,083	11,586

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Net Receipts
1947	15,661	9.22	144,537.00	67,497.00
1948	16,713	10.51	175,654.00	85,942.00
*1949	15,822	3.54	56,026.21	15,322.46
*1950	15,335	6.15	94,348.29	15,151.30
*1951	18,449	7.94	146,576.74	47,978.23
*1952	20,243	8.16	165,108.60	71,149.46
*1953	21,231	9.02	191,442.62	86,891.65
*1954	21,216	10.28	218,048.23	108,598.63
*1955	25,027	10.35	258,960.48	132,560.99
*1956	29,144	12.18	355,013.66	130,049.81

*Overnight Ward excluded

COMBINED CLINICS

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1947	21,448	229,095	758+	116,040
1948	23,051	233,135	769+	109,993
1949	19,179	206,826	683—	109,050
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959
1953	14,955	176,587	585	114,859
1954	15,226	181,774	602—	121,424
1955	14,577	187,747	622—	126,067
1956	13,079	186,517	618—	127,885

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Net Receipts	Aver. Daily Net Receipts	MGH Share of Net Receipts
1947	760,330‡	533,661‡	3.32—‡	570,294	2.49—	390,984
1948	860,608‡	609,577‡	3.69+‡	650,158	2.79—	438,380
1949	1,034,253‡	753,983‡	5.00+‡	696,044	3.37	479,556
1950	940,238‡	645,898‡	4.80+‡	697,505	3.56	477,294
1951	911,217‡	710,433‡	4.96+‡	676,259	3.68	441,982
1952	918,728‡	726,900‡	5.17+‡	697,498	3.93	484,020
1953	943,852‡	779,549‡	5.34+‡	645,901	3.66	489,568
1954	1,069,175‡	888,492‡	5.88+‡	671,304	3.69	517,888
1955	1,088,976‡	889,033‡	5.80+‡	685,386	3.65	527,948
1956	1,243,689‡	1,022,144‡	6.67 ‡	673,815	3.61	525,917

‡Funds contributed by outside individuals or foundations for research, or for any other purposes for which the hospital would not have appropriated funds, have been deducted.

	New Patients		Subsequent Visits	
	1956	*1955*	*1956*	*1955*
Medicine	1,378	1,471	20,004	18,730
Alcohol	12	21	785	688
Allergy	27	13	8,634	8,286
Anemia	2	0	251	324
Arthritis	10	10	1,108	1,101
Diabetes	13	3	1,802	1,904
Gastro-Intestinal	3	0	1,177	1,148
Cardiac	9	20	1,040	994
Hypertension	—	0	486	568
Nutrition	1	0	424	511
Ovarian Dysfunction	10	14	351	485
Pulmonary	2	2	444	578
Rheumatic Fever	7	6	640	727
Thyroid	4	3	2,482	2,593
Dermatology	784	945	7,697	9,201
Syphilis	39	27	2,960	2,674
Neurology	269	300	6,215	6,436
Language	4	3	3,695	3,880
Psychiatry	264	262	3,413	2,733
Child Psychiatry	11	30	2,449	2,383
Children's Medicine	845	904	4,567	5,202
Adolescent Endocrine	19	17	446	450
Surgery	388	442	12,629	12,669
Amputation Clinic	29		105	
Amputation Rounds	8		126	
Fracture	106	9	3,274	2,830
Hand	11	17	161	181
Plastic Surgery	4	3	136	134
Rectal Surgery	3	2	379	418
Vascular Surgery	3	5	487	439
Gynecology	173	207	2,899	3,347
Orthopedic Surgery	395	554	7,144	7,903
Infantile	14	2	1,129	312
Scoliosis	1	2	108	127
Urology	105	145	4,048	3,649
Stone	2	1	232	248
Dentistry	254	267	3,384	4,015
Tumor	256	332	9,469	9,493
General Hospital Clinics	5,465	6,039	116,780	117,361
General Hospital Totals	5,465	6,039	116,780	117,361
Ear, Nose and Throat	2,600	3,174	19,303	19,790
Eye	5,014	5,364	37,355	36,019
Eye & Ear Infirmary Totals	7,614	8,538	56,658	55,809
Combined Out-Patient Department Totals	13,079	14,577	173,438	173,170

	1956	*1955*
Total Attendance	186,517	187,747

PHILLIPS HOUSE

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of Operations
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	
1947....	529	1,391	390	2,310	356	31,191	13+	1,580
1948....	626	1,406	245	2,279	229	28,927	13—	1,445
1949....	749	1,326	182	2,257	162	27,940	12+	1,327
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414
1953....	1,096	1,600	0	2,696	0	30,121	11—	1,414
1954....	1,134	1,482	0	2,616	0	30,736	11+	1,312
1955....	1,168	1,528	0	2,696	0	32,266	11+	1,153
1956....	1,269	1,671	0	2,940	0	36,938	12+	1,251

	1956	*1955*
Average number of patients per day	101	88+
Number of beds	103	103
Percentage of beds occupied	93.2%	84.9%
Autopsies	73%	72+%
Gross per capita earnings, excluding special nurses	38.83	38.29
Net per capita earnings on special fees excluding board and special nurses	14.97	13.69
Per capita cost of raw food, patients only	1.76	1.74

BAKER MEMORIAL

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of Operations
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	
1947....	1,380	4,316	954	6,650	882	91,874	13+	4,136
1948....	1,401	5,085	826	7,312	717	98,663	13+	5,347
1949....	1,475	5,094	543	7,112	446	83,783	11+	5,158
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875
1953....	1,848	5,845	*226	7,919	0	93,496	11+	6,233
1954....	2,144	5,826	*250	8,220	0	98,461	11+	4,765
1955....	2,342	5,753	*285	8,380	0	96,211	11+	4,588
1956....	2,331	5,956	*364	8,651	0	102,484	12—	4,887

	1956	*1955*
Average number of patients per day	281	264
Number of beds available	334	314
Percentage of beds occupied	82.3%	84.7%
Autopsies	69%	58 %
Gross per capita earnings, excluding special nurses	28.94	28.25
Net per capita earnings on special fees excluding board and special nurses	12.18	11.45
Per capita cost of raw food, patients only	1.08	1.07
Average professional fee per patient	128.34	128.35
Average Hospital charge per patient	388.71	369.57
Average Hospital charge per patient, including professional fees, but excluding special nurses	495.75	473.96

*Children's Medical.

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences

	1956	*1955*
Boston	1,890	1,809
Massachusetts (except Boston)	5,477	5,367
Maine	143	156
New Hampshire and Vermont	333	298
Rhode Island and Connecticut	369	329
New York	163	127
Other States	189	204
British Provinces	3	3
Other Foreign Countries	84	87
Total	8,651	8,380

Combined Statistics for all Units for 1956

	General Hospital	Baker Memorial	Phillips House	Total
Number of patients admitted	11,083	8,651	2,940	22,674
Number of patient days	141,231	102,484	36,938	280,653
Number of operations	7,225	4,887	1,251	13,363
Average number of patients	387	281	101	769

RADIOLOGICAL DEPARTMENT

General Hospital

	1956	*1955*
House patients examined	15,098	14,353
Out-Patient Department patients examined	14,976	15,973
Emergency Ward patients examined	8,194	7,762
Total number patients examined	38,268	38,088
X-ray treatments given	7,612	9,345
Total number patients examined and treated	45,880	47,433

Phillips House

	1956	*1955*
House patients examined	3,265	2,956
Private patients examined	638	629
Total number patients examined	3,903	3,585
X-ray treatments given	2,085	1,326
Total number patients examined and treated	5,988	4,911

Baker Memorial

	1956	*1955*
House patients examined	10,457	9,771
Private patients examined	3,512	3,145
Total number patients examined	13,969	12,916
X-ray treatments given	8,698	8,207
Total number patients examined and treated	22,667	21,123

Entire Hospital
(Combined Statistics)

	1956	*1955*
Total number patients examined	56,140	54,589
Total number treatments given	18,395	18,878
Total number patients examined and treated	74,535	73,467

Radium Therapy

Treatments given:	*1956*	*1955*
General Hospital (including Eye and Ear Infirmary)	199	231
Phillips House	15	27
Baker Memorial	60	32
Total number treatments given	274	290

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	*1956*	*1955*
Out-Patient Department	2,047	3,081
General Hospital (including Eye and Ear Infirmary)	16,476	8,539
Phillips House	782	820
Baker Memorial	3,149	3,348
Private ambulatory patients	2,222	2,903
Total treatments given	24,676	18,691

Occupational Therapy

Treatments given:	*1956*	*1955*
Out-Patient Department	288	440
General Hospital	13,779	10,106
Phillips House	6	73
Baker Memorial	452	721
Private ambulatory patients	280	232
Total Treatments given	14,805	11,572

NURSING DEPARTMENT

	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
Average No. of Graduates on General Hospital Staff	140	159	181	195	195	213	203	220	187	194
Average No. of Graduates on School of Nursing Staff									42	41
Average No. of Graduates on Baker Memorial Staff	82	87	94	97	86	79	74	80	60	58
Average No. of Graduates on Phillips House Staff	57	57	61	57	56	56	54	55	55	58
Average No. Accepted Pupils	268	213	214	268	292	293	286	282	286	279
Average No. Preclinical Students	49	62	76	75	87	93	83	71	72	68
Average Total	596	578	626	692	716	734	700	708	625	698
Total No. Preclinical Students Admitted	117	135	138	140	158	150	133	143	139	125
Preclinical Students Dropped and Resigned	29	42	20	19	27	19	20	28	21	12
Accepted Pupils Dropped and Resigned	12	8	4	4	21	20	14	6	14	16
Total Dropped and Resigned	41	50	24	23	48	39	34	34	35	28
Average No. of Graduates on General Hospital Staff—*Part time	13	14	15	14	11	7	8	11	11	20
Average No. of Graduates on Baker Memorial Staff—*Part time	6	7	9	6	4	8	5	12	8	10
Average No. of Graduates on Phillips House Staff—*Part time	13	10	8	7	6	3	4	6	9	9
Total *Part time graduates	32	31	32	27	21	18	17	29	28	39

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1956	*1955*
Total Number of In-Patient Days	280,653	270,062
Total Income	$9,722,697.73	$8,657,564.16
Deduct Non In-Patient Income:		
Other Income	2,113,800.29	1,814,138.31
Out-Patient Department	468,321.56	483,809.48
Emergency Ward	127,915.07	129,752.51
Private Ambulatory	168,690.64	160,502.91
	2,878,727.56	2,588,203.21
Total In-Patient Income	$6,843,970.17	$6,069,360.95
Income Per In-Patient Day	$24.39	$22.47
Total Expenses	$13,083,566.17	$11,612,051.43
Deduct Non In-Patient Expense:		
Non-Operating & Research	2,260,393.80	2,028,497.60
Non-Patient	1,048,400.11	1,019,019.96
Out-Patient Department	1,022,144.18	889,033.09
Emergency Ward	355,013.66	258,960.48
Private Ambulatory	162,593.77	158,198.20
	4,848,545.52	4,353,709.33
Total In-Patient Expense	$8,235,020.65	$7,258,342.10
Cost Per In-Patient Day	$29.34	$26.88

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1947 TO OCTOBER 1, 1956

	General Hospital												Out-Patient Department		Phillips House						The Baker Memorial						
		Patients Admitted					Deaths									Deaths						Deaths					
Year	Total Admitted	Paying Board Full Time	Paying Board Part Time	Free	Number Pay Days Treatment	Number Free Days Treatment	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average		New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average
1947	7,594	5,589	1,263	742	66,499	60,204	417	5.49	380	268	342+		21,448	229,095	2,310	57	2.47	96	55	85+	6,650	178	2.68	298	210	251−
1948	7,390	5,090	1,709	591	71,427	55,127	473	6.40	385	241	344−		23,051	210,084	2,277	67	2.94	96	46	79−	7,312	192	2.48	319	189	268+
1949	7,694	5,262	1,823	609	62,819	64,011	468	6.51	395	231	348+		19,179	206,826	2,257	55	2.44	95	40	77−	7,112	181	2.54	300	126	230+
1950	7,370	5,338	1,629	403	108,163	14,095	481	6.52	381	238	340−		16,590	195,849	2,494	72	2.88	76	37	79−	7,190	202	2.81	283	151	248+
1951	7,232	5,072	1,873	377	103,203	12,701	514	7.10	367	204	291+		15,065	183,667	2,440	66	2.78	100	41	78−	7,262	199	2.74	302	146	244+
1952	10,547	6,961	2,953	633	111,033	7,087	530	5.02	380	227	325−		14,307	177,657	2,632	88	3.34	103	45	80−	7,620	194	2.54	300	145	242+
1953	10,698	6,954	3,209	535	120,970	6,367	597	5.06	397	227	350−		14,955	176,587	2,696	86	3.19	107	51	83−	7,919	206	2.60	323	168	256+
1954	10,521	6,628	3,577	316	100,765	3,825	585	5.56	427	259	350+		15,226	181,774	2,616	76	2.90	112	47	84+	8,220	194	2.36	323	190	273+
1955	11,586	7,299	3,823	464	89,199	5,663	680	5.86	466	306	389−		14,577	173,170	2,697	74	2.74	120	55	88+	8,390	243	2.89	350	176	264+
1956	11,083	7,647	2,992	443	97,449	5,649	671	6.04	466	260	390+		13,079	186,517	2,940	81	2.75	123	42	95+	8,651	221	2.55	350	183	281+

Total number of patients admitted to General Hospital from the year 1821 — 526,138
" " " " " " Phillips House " " " 1917 — 89,171
" " " " " " Baker Memorial " " " 1930 — 170,317

785,626

MASSACHUSETTS GENERAL HOSPITAL — INCOME STATEMENT
THIRTEEN PERIODS ENDING SEPTEMBER 30, 1956

Gross Earnings at Standard Rate	Total 1955	Total 1956	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulance
Day Rate Service	$4,906,238.00	$5,210,467.50	$ 962,998.32	$1,928,224.96	$2,318,264.07	.....	.....	$980.15
Out-Patient Adm. Fees	331,424.80	327,189.88	.....	.....	.....	327,189.88	.....	.....
Emergency Ward Fees	70,672.08	60,550.20	.....	.....	.....	.....	60,550.20	.....
Operating Room	745,396.98	821,422.66	117,028.84	373,237.52	321,944.65	85.40	975.25	8,151.00
Anesthesia	221,337.50	356,722.00	73,705.00	176,310.50	104,615.25	469.75	371.25	1,250.25
Radiology—Diagnosis	736,300.21	770,816.04	114,930.00	198,016.60	179,297.04	143,785.85	78,583.00	56,203.55
Radiology—Therapy	90,126.55	101,384.64	5,727.50	17,606.00	8,385.50	22,682.50	.....	46,983.14
Laboratories	719,544.93	777,659.95	117,960.45	218,793.90	299,648.61	66,979.89	12,509.05	61,768.05
Basal Metabolism	10,626.75	14,993.80	1,722.00	1,393.00	814.00	10,124.30	.....	940.50
EKG	55,332.90	54,551.75	5,511.75	8,935.80	28,786.99	5,764.70	3,937.01	1,615.50
Blood Bank	192,445.10	212,587.50	38,061.80	80,632.84	90,509.86	279.00	3,186.00	(82.00)
Physical Therapy	57,022.65	78,751.38	8,223.50	12,947.80	47,198.35	5,052.73	30.00	5,299.00
Occupational Therapy	3,386.24	14,366.47	13.85	254.08	13,377.92	(19.58)	.....	740.20
Ambulance	31.00	.....	.....	.....	.....	.....	.....	.....
Oxygen Therapy	60,890.49	91,635.86	12,038.89	20,721.79	58,698.92	.....	176.26	.....
Intravenous Therapy	48,823.50	81,090.50	15,194.85	31,427.75	30,646.90	.....	3,821.00	.....
Central Supply Room	4,150.58	18,932.95	165.24	6,211.05	11,313.86	.....	1,242.80	.....
Pharmacy	485,672.77	532,479.59	34,594.76	101,910.35	200,180.13	191,851.90	3,942.45	.....
Total Earnings from Services to Patients	8,739,423.03	9,525,602.67	1,507,876.75	3,176,623.94	3 713,682.05	774,246.32	169,324.27	183,849.34
Deductions from Earnings Charity Allowances	1,066,546.91	1,012,287,81	15,874.90	15,736.80	633,585.57	305,924.76	39,195.78	1,970.00
Other Rebates and Losses	419,419.75	425,471.09	37,474.78	203,952.15	181,830.74	.....	2,213.42	.....
Provision for Doubtful Accounts	410,030.52	478,946.33	.....	45,761.94	419,995.69	.....	.....	13,188.70
Total Deductions	1,895,997.18	1,916,705.23	53,349.68	265,450.89	1,235,412.00	305,924.76	41,409.20	15,158.70
Net Earnings from Services to Patients	6,843,425.85	7,608,897.44	1,454,527.07	2,911,173.05	2,478,270.05	468,321.56	127,915.07	168,690.64
Dietary	286,276.43	323,860.13	.....	.....	.....	.....	.....	.....
Miscellaneous Income	1,527,861.88	1,789,940.16	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	8,657,564.16	9,722,697.73	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1956*	*Total 1955*
Earnings from services to patients		
Private Patients	$1,507,876.75	$1,287,567.16
Semi-Private Patients	3,176,623.94	2,890,998.95
Ward Patients	3,713,682.05	3,465,172.25
Out-Patient Department	774,246.32	758,701.53
Private Ambulatory	183,849.34	171,917.31
Emergency Ward	169,324.27	165,056.83
Total Earnings From Services to Patients	$9,525,602.67	$8,739,423.03
Less:—Deductions from earnings:		
Charity Allowances	$1,012,287.81	$1,066,546.91
Other Rebates and Losses	425,471.09	419,419.75
Net Provision for Doubtful Accounts	478,946.33	410,030.52
Total Deducations from Earnings	$1,916,705.23	$1,895,997.18
Net Earnings From Services to Patients	7,608,897.44	6,843,425.85
Other Income	2,113,800.29	1,814,138.31
Total Income	$9,722,697.73	$8,657,564.16
Operating Expenses		
Professional Care of Patients	$7,778,896.79	$6,811,199.77
Dietary Expenses	1,280,720.74	1,202,099.25
Housekeeping	526,728.16	500,483.28
Laundry & Linen	255,192.54	207,295.89
Plant Operation & Maintenance	1,004,294.76	946,604.01
Other Non-Patient Expenses	339,679.47	308,040.81
Total Operating Expenses	11,185,512.46	9,975,723.01
Net Operating Deficit	1,462,814.73	1,318,158.85
Add:—Non-Operating & Research Expenses	1,898,053.71	1,636,328.42
Net Deficit	3,360,868.44	2,954,487.27
Available From Treasurer For Expenses At Hospital	3,273,920.70	2,935,239.61
Final Deficit—Withdrawn From General Fund Principal	$ 86,947.74	$ 19,247.66

MASSACHUSETTS GENERAL HOSPITAL

Statement of Stock on Hand September 30, 1956 and October 2, 1955

	Sept. 30, 1956	*Oct. 2, 1955*
General Hospital Apothecary Out-Patient Department Apothecary	$306,062.69	$283,685.69
General Hospital Upper Store	98,084.81	92,275.05
General Hospital Lower Store	37,192.20	33,856.48
General Hospital Maintenance	122,160.19	120,103.97
General Hospital Postage	1,237.80	783.60
General Hospital Print Shop	9,570.59	3,773.92
Other	65,151.11	52,378.41
Total Stock on Hand	$639,459.39	$586,857.12

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year ending September 30, 1956, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

THE MASSACHUSETTS GENERAL HOSPITAL CONDENSED YEAR-END BALANCE SHEET

	Sept. 30, 1956	*Sept. 30, 1955*
ASSETS		
CASH	$ 1,162,444.56	$ 1,493,197.72
CASH IN ESCROW	250,000.00	250,000.00
INVESTMENTS		
Bonds	13,020,871.26	12,650,640.03
Stocks	12,414,794.06	11,689,886.20
Notes and Commercial Paper	1,271,508.90	1,355,752.89
Real Estate	212,594.65	247,928.21
NOTES RECEIVABLE	127,367.46	106,795.00
ACCOUNTS RECEIVABLE — PATIENTS AND OTHERS (Less Reserve for Bad Debts)	1,634,152.94	1,584,266.20
INVENTORIES OF SUPPLIES — AT ESTIMATED COST	641,047.19	586,857.12
PREPAID ITEMS	64,225.10	34,917.94
INTEREST IN UNSETTLED ESTATES	9.00	9.00
PLANT (Less Provision for Depreciation)	17,155,571.92	17,508,870.35
CONSTRUCTION ACCOUNTS	3,052,182.57	1,106,805.25
	$51,006,769.61	$48,615,925.91
LIABILITIES		
ACCOUNTS PAYABLE AND ACCRUALS	$ 377,591.03	$ 384,308.81
PENSION RESERVES	92,591.87	5,845.48
GENERAL FUND		
Treasurer's Account	1,694,750.33	2,056,440.87
Director's Account	2,033,756.77	1,921,244.12
GENERAL HOSPITAL ENDOWMENT FUNDS		
Unrestricted as to Income	4,642,630.23	4,553,254.05
Restricted as to Income	14,651,795.66	14,375,538.13
McLEAN HOSPITAL FUNDS	762,905.80	900,521.37
BUILDING FUNDS	2,814,247.21	1,466,450.17
FIDUCIARY FUNDS	353,584.50	345,833.74
FUNDS INVESTED IN PLANT	17,155,571.92	17,508,870.35
TEMPORARY FUNDS		
General Hospital	2,087,713.70	2,046,785.00
McLean Hospital	192,849.15	157,545.60
Fiduciary	6,584.82	4,298.78
GENERAL INVESTMENT PROFIT AND LOSS ACCOUNT	4,140,196.62	2,888,989.44
	$51,006,769.61	$48,615,925.91

THE MASSACHUSETTS GENERAL HOSPITAL
GENERAL HOSPITAL
CONDENSED INCOME STATEMENT

(for fiscal year ending Sept. 30)

	1955-6	*1954-5*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 200,841.00	$ 195,377.50
Annual Free Beds	5,750.00	8,325.00
Restricted	1,900,886.14	1,591,273.99
	$2,107,477.14*	$1,794,976.49*
INCOME FROM INVESTMENTS		
Unrestricted	$ 399,069.50	$ 367,884.37
Restricted	801,680.86	757,607.48
	$1,200,750.36	$1,125,491.85
OTHER INCOME		
From Trusts and Agents	$ 7,213.36	$ 9,014.43
Contributions for Connecting Buildings	15,613.00	15,613.00
Huntington Memorial Hospital	12,783.84	10,487.01
	$ 35,610.20	$ 35,114.44
TOTAL	$3,343,837.70	$2,955,582.78
PAYMENTS FROM INCOME		
Added to Principal	$ 42,531.46	$ 20,027.37
Payments to Life Interests	261.33	761.33
Treasurer's Payments From Funds and Miscellaneous	27,124.21	14,320.00
Provision for Depreciation	575,740.34**	502,467.63**
	$ 645,657.34	$ 537,576.33
TREASURER'S BALANCE—AVAILABLE FOR EXPENSES AT HOSPITAL	$2,698,180.36	$2,418,006.45
HOSPITAL EXCESS OF EXPENSES (See Page 00)	3,360,868.44	2,954,487.27
	$ 662,688.08	$ 536,480.82
CHARGED TO PLANT CAPITAL-DEPRECIATION	575,740.34	502,467.63
DEFICIT	$ 86,947.74	$ 34,013.10
WITHDRAWN FROM RESERVES	0	14,765.53
WITHDRAWN FROM GENERAL FUND PRINCIPAL	86,947.74	$ 19,247.66

* Includes United Community Services Allocations of $187,156.00 in 1955-6 and $183,963.00 in 1954-5.

** Provision for Depreciation based on allowable amount under certain third party reimbursements.

THE MASSACHUSETTS GENERAL HOSPITAL

McLEAN HOSPITAL
CONDENSED INCOME STATEMENT

(for fiscal year ending Sept. 30)

	1955-6	*1954-5*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 605.00	$ 1,070.00
Restricted	78,999.29	53,457.36
	$ 79,604.29	$ 54,527.36
INCOME FROM INVESTMENTS		
Unrestricted	$ 16,170.14	$ 24,324.40
Restricted	42,140.40	30,084.03
	$ 58,310.54	$ 54,408.43
OTHER INCOME		
From Trusts and Agents	$ 4,510.00	$ 4,655.42
Miscellaneous	1,833.58	2,730.59
	$ 6,343.58	$ 7,386.01
TOTAL	$144,258.41	$116,321.80
PAYMENTS FROM INCOME		
Added to Principal	$ 80.80	$ 66.47
Expenses Paid from Funds	20,470.28	3,692.08
	$ 20,551.08	$ 3,758.55
TREASURER'S NET RECEIPTS	$123,707.33	$112,563.25
HOSPITAL EXCESS OF EXPENSES	271,865.85	245,205.36
DEFICIT—WITHDRAWN FROM FUNDS	$148,158.52	$132,642.11

GENERAL FUND

	Income	Principal
FOR ANY HOSPITAL PURPOSE		$1,694,750.33

GENERAL HOSPITAL FUNDS

	Income	Principal
FLORENCE M. AGOOS MEMORIAL FUND For developing and furthering medical research and scientific medical knowledge through research and teaching. Bequest of Solomon Agoos		$10,000.00
PHILIP R. AND ANNE L. ALLEN ENDOWMENT FUND Income for any Hospital Purpose.		5,160.00
ANESTHESIA FUND Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		29,063.54
MARTHA B. ANGELL FUND For medical and surgical experimentation on animals to the end of saving human lives.		34,040.82
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND "The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."	$ 2,054.03	8,000.00
JOHN ASHTON FUND For diseased and wounded soldiers. Bequest $22,176.47 Income Added 5,252.86		27,429.33
BAKER MEMORIAL FUND For the Baker Memorial. Sundry Bequests.		20,543.10
THE JOSEPH C. AUB FUND Income to be spent for Cancer Investigation.	35.04	4,452.19
BAKER MEMORIAL ASSISTANCE FUND Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations. Bequest of Miss Carrie M. Jameson $5,601.20 Sundry Gifts 320.00	1,807.05	5,921.20
Carried forward	$3,896.12	$144,610.18

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$3,896.12	$144,610.18
LILLIAN DOBIE BALBONI MEMORIAL FUND Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best. Sundry Gifts.	1,536.13	34,974.17
ARTHUR W. BLAKE FUND Income for the study and cure of nervous diseases.	–288.40	25,000.00
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND Income for any Hospital purpose. Bequest of Mrs. George W. W. Brewster $5,000.00 Sundry Gifts 1,289.02		6,289.02
ANNIE BOLTON MATTHEWS BRYANT FUND Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		72,093.70
ARTHUR TRACY CABOT FUND Income for support of laboratories.		20,000.00
RICHARD C. CABOT FUND For educational purposes in connection with the work of the Social Service Department.		46,823.52
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service." Gift of American Association of Hospital Social Workers.	172.38	1,000.00
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION Income for salary of Surgical Pathologist. Gift of Samuel and Dr. Arthur T. Cabot.		10,000.00
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND Gifts of "Friends of the Hospital".	1,297.19	6,913.48
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		487,802.20
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
Carried forward	$6,613.42	$865,506.27

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$6,613.42	$865,506.27
CONNECTING BUILDING FUND Income for Connecting Building.		10,000.00
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital Sundry Gifts and Bequests	12,605.74	511,938.66
THE CUSHMAN FUND Income for the Social Service of the Hospital. Gift of Mrs. Charles F. Cushman.	497.46	5,000.00
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."		10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.		101,170.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine.	3,643.13	35,500.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."	587.49	20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	3,776.10	31,747.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16	−516.55	66,164.36
EDWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards 391,447.56 Sundry Bequests 100.00	4,934.61	391,547.56
Carried forward	$32,141.40	$2,048,574.76

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$32,141.40	$2,048,574.76
JOHN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	3,532.78	20,114.22
ISABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
SARAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	371.07	1,398.42
FRANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.	1,690.92	25,000.00
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	4,087.89	4,262,230.82
GENERAL SURGERY FUND Income to be used for general surgery purposes under the direction of the Chief of General Surgery. Principal expendable in need.	603.06	32,656.55
MRS. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	597.65	1,000.00
ALLAN W. HAMILTON FUND For medical services in the Outpatient Department.		2,027.03
ABIGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.		10,000.00
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."		50,053.58
CHARLES W. HOLTZER FUND Income for general research work.		41,666.67
Carried forward	$43,024.77	$6,584,475.21

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$43,024.77	$6,584,475.21
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		4,080,515.89
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns.	2,472.09	11,450.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.	250.00	44,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	1,327.68	15,460.00
EMMA GILDERSLEEVE LANE FUND For cancer research, "preferring but not requiring that this legacy be kept as capital and only its income used for research in cancer."	1,164.62	20,000.00
THE MALLINCKRODT FUND Income only to be used for the support of the Mallinckrodt Ward (Ward 4) with limited discretion to the Trustees in case this support is no longer needed.		212,368.16
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	149.54	10,190.00
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	45.51	121.36
Carried forward	$48,434.21	$11,004,377.82

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$48,434.21	$11,004,377.82
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	81.73	500.75
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.		671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00	121.06	4,080.53
THE MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	7,314.59	37,479.46
FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		30,000.00
FANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		712,570.97
FRANCIS A. NEWELL ENDOWMENT FUND Income to be used "for the most approved method of treating hip disease due to accident in indigent children."	4,390.67	50,000.00
Carried forward	$60,342.26	$12,517,010.13

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$60,342.26	$12,517,010.13
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.		68,278.57
ORTHOPEDIC WARD FUND Income for Orthopedic Ward. Sundry Gifts.		26,470.92
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	30.63	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.		3,428.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.	5,683.02	34,665.40
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,469.97	2,190.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.	1,453.01	21,051.38
Carried forward	$68,978.89	$12,811,824.79

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$68,978.89	$12,811,824.79
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		10,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
RESEARCH AND TEACHING FUND Income for research and teaching.		147,036.12
EDWARD PEIRSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	3,135.91	15,000.00
JOHN FYFFE RICHARDSON MEMORIAL FUND Income only to be spent by the Trustees on recommendation of the Chief of the Huntington Memorial Laboratories or the senior cancer investigator preferably for leukemia research or related areas of cancer research. 5% of income to be added to principal each year until the fund reaches $400,000.	901.13	27,145.36
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones ..... $25,200.00 Dr. Edward P. Richardson .... 5,000.00 Mrs. Maurice Howe Richardson ..... 5,000.00 Sundry Gifts 5,200.00	3,811.24	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson		276,141.62
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic.		10,357.46
MARY ELIZABETH SALTONSTALL FUND Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		1,042,816.18
Carried forward	$76,827.17	$14,840,834.87

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$76,827.17	$14,840,834.87
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	1,436.39	30,000.00
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	465.22	2,000.00
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service.		111,015.15
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.	–202.75	345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	287.01	3,586.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00	732.87	6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	552.33	9,030.90
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	1,365.08	3,450.00
Carried forward	$81,463.32	$15,371,607.70

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$81,463.32	$15,371,607.70
TRAINING SCHOOL FOR NURSES FUND .... Income for Training School for Nurses. Sundry Gifts and Bequests.		40,037.92
TREADWELL LIBRARY FUND ..... Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00	1,940.89	7,555.00
LAWRENCE TUCKER FUND ..... So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.		429,753.01
UROLOGICAL PERIODICALS FUND ..... Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.	211.45	1,000.00
FRANCES KNOWLES WARREN FUND ..... Income for the General Purposes of the Hospital; principal available in emergency. Bequest of Mrs. George E. Warren.		30,000.00
WARREN LIBRARY FUND ..... Income for books for patients. Sundry Gifts and Bequest.	1,506.96	5,067.19
DEPENDENCE S. AND WALTER B. WATERMAN FUND ..... "Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		134,573.62
GEORGE ROBERT WHITE FUND ..... To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs Harriet J. Bradbury ..... $3,030,183.02 Sundry Gifts 3,657.50		3,033,840.52
GEORGE ROBERT WHITE FUND ..... "Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		100,000.00
Carried forward	$85,122.62	$19,153,434.96

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$85,122.62	$19,153,434.96
DR. JAMES C. WHITE NEUROSURGICAL FUND Income to be added to principal until the fund reaches $5,000; thereafter 50% shall be added until the fund reaches $10,000; and thereafter 25% to $50,000. Income not so added to principal to be used in the interest and promotion of neurosurgery under the direction of Dr. James C. White.		687.23
GEORGE WIGGLESWORTH FUND Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		55,477.44
WOODEN LEG FUND Income for wooden legs and other devices for diseased and injured legs. Bequest of Nathaniel I. Bowditch $5,000.00 Sundry Gifts 2,600.00	761.78	7,600.00
TEMPORARY FUNDS Special Purposes 1,787,430.46 Endowment Income Undistributed to Funds 214,398.84		
TOTAL GENERAL HOSPITAL FUNDS	$2,087,713.70	$19,217,199.63

BUILDING FUNDS

GENERAL BUILDING FUND For any construction.	2,685,927.25
AMBULATORY CLINIC BUILDING FUND For the construction of an Ambulatory Clinic.	126,705.00
SUNDRY FUNDS	1,614.96
TOTAL BUILDING FUNDS	$2,814,274.21

McLEAN HOSPITAL FUNDS

AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND Income for amusement, entertainment or occupation of patients. Sundry Gifts and Bequests.	$ 21,135.00
WENTWORTH HIGGINSON BARNEY FUND Income to be spent at the discretion of the Director. Gift of Dr. J. Dellinger Barney. $1,500.00 Income added 258.65	1,758.65
Carried forward	$ 22,893.65

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward		$ 22,893.65
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room.	$ 1,052.79	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,837.45
GENERAL FUND For any Hospital purpose.		70,388.41
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	780.04	4,077.20
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.	271.67	2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
TEMPORARY FUNDS		
Special Purposes	182,760.20	
Endowment Income Undistributed to Funds	7,984.45	
TOTAL McLEAN HOSPITAL FUNDS	$192,849.15	$762,747.63

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND ..... For the publication of a history of the Hospital. Bequest of N. I. Bowditch.		$ 2,000.00
BETTY DUMAINE FUND ..... To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		2,447.11
EYEGLASS FUND ..... Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND ..... "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	$ 2,202.67	15,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies' Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
MARY S. HOLBROOK FUND ..... Income payable to a life interest.		4,605.62
CHESTER MORSE JONES FELLOWSHIP FUND To establish a fellowship. Gift of Dr. Chester M. Jones .... 9,611.90 Sundry Gifts ..... 5,940.00 Income Added 6,190.68		21,742.58
SARAH PROCTOR JOSLIN FUND ..... Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
FANNIE NEWELL SIMES FUND ..... Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
Carried forward	$ 2,202.67	$85,395.31

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$ 2,202.67	$85,395.31
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING ENDOWMENT FUND Income to be used as directed by vote of the Committee created under the Deed of Gift.		199,980.60
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	4,382.15	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		8,301.23
TOTAL FIDUCIARY FUNDS	$6,584.82	$307,566.98

SUMMARY

Principal Funds	$24,796,511.78
Temporary Funds	2,287,147.67
Funds Invested in Plant	17,155,571.92
General Hospital Director's Account	2,033,756.77
	$46,272,988.14
Gain	123,401.95
Funds	$46,396,390.09

Examination of Accounts

January 9, 1957

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

Sirs:

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1956 and the related income statements of the General Hospital and the McLean Hospital for the period ended at that date (52 weeks). Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The accompanying statements reflect a provision for depreciation in the amount of $575,740.34, based on a percentage of the patient care expenses of the General Hospital. This provision has been recorded in accordance with the requirements of statutory authority pertaining to per diem reimbursement for hospital services rendered under contract with certain third party agencies. We are unable to express an opinion as to the adequacy of the provision for depreciation in relation to plant costs.

Under the terms of pension plans adopted by the hospital, benefits payable to employees compensated from general operating funds of the hospital will be charged against operations as such benefits are paid (to the extent of hospital contributions included therein). No provision has been made in the accompanying financial statements for the amount of the hospital's liability at September 30, 1956 for service benefits accruing to employees paid from general operating funds.

Subject to the exceptions noted above, in our opinion, the accompanying balance sheet and related income statements, with their supporting exhibits, present fairly the financial position of The Massachusetts General Hospital at September 30, 1956 and the results of its operations for the period ended at that date in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period.

We have made a test check of the charges to income funds for special purposes for the year ended September 30, 1956 (including income arising from principal funds), in respect of The Massachusetts General Hospital and McLean Hospital funds. Based upon such examination and our review of the internal control maintained in relation to funds, it is our opinion that the charges made against the above-mentioned funds were properly chargeable thereto.

Patterson, Teele & Dennis

GIFTS AND BEQUESTS 1955-56

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Mr. John E. Atkins	$ 20,887.97	
Mr. Samuel C. Howes	1,500.00	
Miss Elizabeth Helen Hunter	10,229.65	
Mr. Harrie E. Mason	500.00	
Mr. Walter J. Noonan	6,810.94	
Mrs. Alice M. A. Richardson	35,167.22	
Miss Sarah G. Sampson	8,380.95	
Mrs. Madge Wilkes	163,964.44	
Mrs. H. Sylvia A. H. G. Wilks	20.48	$247,461.65
Gifts of		
Dr. and Mrs. Daniel S. Ellis	100.00	
Mr. and Mrs. Henry R. Guild	1,000.00	
Mr. Robert N. Miller	100.00	
Trustees u/w of Mr. David Nevins	59,270.08	60,470.08
		$307,931.73

GENERAL HOSPITAL FUNDS

Fund No.			
1015	PHILIP R. AND ANNE L. ALLEN ENDOWMENT FUND		
	Gift of Mr. and Mrs. Philip R. Allen		5,160.00
1070	JOSEPH C. AUB FUND		
	Bequest of Miss Mary McNamara	$4,033.91	
	Gifts of		
	In Memory of Mr. Ruy Beckhard	1.00	
	In Memory of Mr. Simon England	200.00	
	In Honor of 75th Birthday of Mrs. Zippora Rosonosky	1.00	
	Mrs. Harold E. Saul	200.00	
	In Memory of Mr. Phillip Sheppard	2.00	
	In Memory of Mr. Phillip Sheppard and Mrs. Sarah Greenberg	5.00	
	Miss Karen Sydney Wolfe	4.00	
	Miss Karen Sydney Wolfe and Miss Nancy Levenson	5.28	4,452.19
1080	BAKER MEMORIAL FUND		
	Bequest of Mr. Charles S. Hawkins		1,000.00
	Carried forward		$318,543.92

	Brought forward		$318,543.92
1120	LILLIAN DOBIE BALBONI MEMORIAL FUND		
	Bequest of Mr. Alfred Scaramelli	$ 120.00	
	Gifts of		
	Mr. Albert Balboni	25.00	
	Dr. Gerardo M. Balboni	275.00	
	Dr. Victor G. Balboni	25.00	
	Mrs. Zoe Parenti Borghi	50.00	
	Mrs. Charles Knight	25.00	
	Mrs. Margaret Malagodi	10.00	530.00
1290	M.G.H. ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES		
	Gifts of		
	S. Pearce Browning, Jr.	$ 250.00	
	Miss Edith C. Farwell	10.00	
	Mr. and Mrs. Harold Frankel	500.00	
	William E. Schrafft and Bertha E. Schrafft Charitable Trust	16,000.00	
	Mr. Morris Simlovich	1,500.00	
	Mr. and Mrs. Richard P. Towne	500.00	
	The Wolfson Family Foundation, Inc.	10,000.00	28,760.00
1340	THE CUSHMAN FUND		
	Gift of Mrs. Charles F. Cushman		1,000.00
1360	CAROLINE ENGSTROM DAHL FUND		
	Gift In Memory of Mr. Hugh Lindsay	$ 10.00	
	In Memory of Mrs. Mary E. L. Malley	10.00	20.00
1580	EMILY BEDFORD FOSDICK FUND		
	Gift of Mrs. Paulding Fosdick		32,656.55
1710	INCOME UNRESTRICTED FUNDS		
	SAMUEL APPLETON FUND		
	Bequests of		
	Miss Maud E. Appleton	$ 878.48	
	Miss Charlotte Peirce	1,750.16	2,628.64
	THE ANNIE J. CROCKER, WIDOW OF URIEL HASKELL CROCKER, FUND		
	Bequest of Miss Rose von Dach		81,249.33
1770	DANIEL FISKE JONES MEMORIAL FUND		
	Gifts of		
	Mrs. Charles A. Coolidge	$ 100.00	
	Mrs. Daniel Fiske Jones	65.00	
	Mrs. J .Vaughan Merrick, 3rd	50.00	215.00
1800	MARGERY AMORY KETCHUM MEMORIAL FUND		
	Gifts of		
	Anonymous	$ 1,000.00	
	Mrs. Charles Weston	10.00	1,010.00
	Carried forward		$466,613.44

	Brought forward		$466,613.44
1820	MALLINCKRODT WARD FUND		
	Gift of Mr. Edward Mallinckrodt, Jr.		11,750.00
1950	THE MIXTER FUND		
	Gifts of		
	Mrs. Barbara K. Aldana	$ 30.00	
	Anonymous	500.00	
	Mr. and Mrs. David B. Arnold	25.00	
	Mr. Harold D. Ashe	75.00	
	Mrs. Arthur W. Bell	100.00	
	Mrs. Harvey H. Brown, Jr.	100.00	
	Mrs. Frederick H. Chatfield	50.00	
	In Memory of Mr. A. Barr Comstock	240.00	
	Mr. William T. Crawford	1,000.00	
	Mrs. George B. Dabney	25.00	
	Mr. and Mrs. Thomas N. Dabney	300.00	
	Mr. and Mrs. W. Findlay Downs	400.00	
	Miss Louise Doyle	1,000.00	
	Mrs. Edward W. Fay	2,346.25	
	Mrs. Royal Firman, Jr.	2,712.50	
	Mr. Morris P. Frost	5,000.00	
	Mrs. Faith Fuller	30.00	
	Mr. and Mrs. Henry L. Galpin	1,000.00	
	Mr. Samuel Galpin	500.00	
	Mr. Lansdale W. Harvey	25.00	
	Mr. and Mrs. A. V. Kidder	1,000.00	
	Mrs. Alfred Kidder, II	50.00	
	Mrs. Adelaide Leonard	20.00	
	Mr. Henry F. Mixter	50.00	
	Mrs. Samuel Mixter	100.00	
	Mr. and Mrs. Thomas Motley	100.00	
	Mr. A. N. Murray	100.00	
	Mr. Edward F. O'Donnell	1,000.00	
	Mrs. Margaret M. Partridge	1,000.00	
	Mr. Benjamin Salzhauer	200.00	
	Mr. Henry Salzhauer	10.00	
	Mr. John C. Virdenk	100.00	
	Mrs. Frank S. White	10.00	
	Mr. and Mrs. Oliver Wolcott	100.00	19,298.75
2130	OUTPATIENT DEPARTMENT FUND		
	Bequest of Miss Etta L. Forbush		250.00
2260	RESEARCH AND TEACHING ENDOWMENT FUND		
	Gifts of		
	Dewey and Almy Chemical Company	$ 500.00	
	Massachusetts Indemnity Insurance Co.	100.00	600.00
2350	ELSIE M. ROBBINS SOCIAL SERVICE FUND		
	Gift In Memory of Augusta Paolucci Pedrelli		5.00
2510	STAFF MEMORIAL FUND		
	Gifts In Memory of Dr. Benjamin H. Ragle		2,861.00
	Carried forward		$501,378.19

	Brought forward		$501,378.19
2750	GEORGE ROBERT WHITE FUND		
	Bequest of Mrs. Harriet J. Bradbury		58,402.20
2815	UNRESTRICTED FREE BED FUNDS		
	NATHANIEL CUMMINGS FREE BED FUND		
	Bequest of Mary B. Cummings	$ 12,447.91	
	ROBINA CHARLOTTE ELLEN HUNTER FREE BED FUND		
	Bequest of Miss Elizabeth Helen Hunter	10,036.67	
	LUCY A. THORNTON FREE BED FUND		
	Bequest of Lucy A. Thornton	4.57	
	RUDOLPH WELD MEMORIAL FREE BED FUND		
	Gift of Mrs. Rudolph Weld	959.96	23,449.11
2910	CONVALESCENT HOSPITAL FUND		
	Gifts of		
	Trustees u/w of Mrs. Helen O. Storrow	$ 2,950.00	
	In Memory of Mrs. Josephine Dabney	45.00	2,995.00
			$586,224.50

BUILDING FUNDS

GENERAL BUILDING FUND

Gifts of

Mr. Frank W. Abbott	$ 100.00	
Mr. and Mrs. Gordon Abbott	100.00	
Miss Clara A. Adams	100.00	
Mr. John Adams	200.00	
Mrs. Thomas H. Adams	100.00	
Agoos Family Charity Fund	250.00	
M. Ahern Company	1,500.00	
Mrs. William T. Aldrich	100.00	
Mrs. Edward B. Alford	100.00	
Dr. and Mrs. Arthur W. Allen	854.75	
Mr. and Mrs. Philip K. Allen	457.50	
Mr. Stephen G. Allen	300.00	
Mr. John S. Ames, Jr.	150.00	
Mr. Francis I. Amory	250.00	
13 Anonymous Gifts	32,961.44	
Mr. Philip D. Armour	5,242.50	
Mr. Allen J. Ash	100.00	
Miss Marguerite Atwood	100.00	
Mrs. Charles F. Ayer	100.00	
Mrs. James B. Ayer	1,000.00	
Mr. Charles F. Ayers	100.00	
The Bailey Company	100.00	
Mrs. Vincent B. Bailey	100.00	
Mr. and Mrs. James T. Baldwin	100.00	
Rt. Rev. Robert P. Barry	100.00	
Mr. and Mrs. Nelson S. Bartlett	500.00	
Mr. Sidney W. Bartlett	100.00	
Carried forward	$45,166.19	$586,224.50

Brought forward	$45,166.19	$586,224.50
Mr. Thomas R. Bateman	100.00	
Bay State Abrasive Products Company	1,000.00	
Mr. and Mrs. James C. Bayley	100.00	
Mr. and Mrs. Ralph Beatley	100.00	
Mr. and Mrs. Lawrence Beebe	100.00	
Mr. and Mrs. G. d'Andelot Belin	100.00	
Mrs. Arthur W. Bell	100.00	
Dr. Joseph C. Bell	100.00	
Mr. and Mrs. Alan C. Bemis	100.00	
Emile Bernat & Sons Company	100.00	
The Frank Stanley Beveridge Foundation	100.00	
Mr. Reginald W. Bird	100.00	
Dr. H. T. Bixby	100.00	
Mrs. Taylor Black	100.00	
Mr. Harry J. Blake	695.00	
Mr. and Mrs. Henry M. Bliss	1,095.00	
Mr. John S. Bolles	250.00	
Boston Insulated Wire & Cable Co.	500.00	
Boston Linotype Print, Inc.	100.00	
Mr. and Mrs. Herbert F. Boynton	100.00	
Mr. and Mrs. J. Gardner Bradley	250.00	
Brandegee Charitable Foundation	450.00	
Mr. David A. Brayton	500.00	
Miss Sarah Bremer	100.00	
Bresky Foundation	250.00	
Brockway-Smith-Haigh-Lovell Co.	250.00	
Mr. George R. Brown	100.00	
Mr. Harry Brown and Mr. Abraham Blustein	100.00	
Mr. and Mrs. Francis V. Bulfinch	100.00	
Mr. and Mrs. John M. Bullard	1,009.50	
Miss Nina Burnham	150.00	
Mrs. C. S. Butler	100.00	
Mr. and Mrs. David H. Buttrick	300.00	
Mrs. Henry G. Byng	100.00	
Mr. and Mrs. Paul C. Cabot	100.00	
Dr. and Mrs. Bradford Cannon	100.00	
Mrs. Thomas B. Card	504.00	
Mr. F. M. Carhart	100.00	
Mr. and Mrs. Houghton Carr	200.00	
Mr. and Mrs. Lyndall F. Carter	1,500.00	
Mr. Carey J. Chamberlin	200.00	
Mr. and Mrs. E. Barton Chapin, Sr.	200.00	
Mr. and Mrs. Theodore Chase	100.00	
Mr. Frederick C. Church	1,000.00	
Mr. and Mrs. Eugene H. Clapp	100.00	
Mrs. B. Preston Clark	200.00	
Dr. and Mrs. George O. Clark	100.00	
Mr. and Mrs. Nathaniel T. Clark	200.00	
Mr. and Mrs. Philip M. Clark	100.00	
Mr. and Mrs. Robert J. Clark	100.00	
Dr. and Mrs. George H. A. Clowes and Mr. Allen W. Clowes	100.00	
Dr. and Mrs. Stanley Cobb	227.63	
Mr. and Mrs. B. J. Cochran	100.00	
Carried forward	$54,969.69	$586,224.50

Brought forward	$59,197.32	$586,224.50
Colonial Management Associates	419.00	
Committee of the Permanent Charity Fund, Inc.	1,000.00	
Mr. Parker Converse	200.00	
Mrs. James E. Cooper	100.00	
Mr. and Mrs. C. E. Cotting	250.00	
Mrs. Gardner Cox	100.00	
Mr. and Mrs. William C. Cox	2,318.75	
Dr. John D. Crawford	300.00	
Rev. and Mrs. John Crocker	100.00	
Mrs. F. B. Crowninshield	100.00	
Mrs. Charles K. Cummings	100.00	
Mrs. Alan Cunningham	200.00	
Mrs. Stanley Cunningham	200.00	
Miss Frances G. Curtis	100.00	
Mr. Louis Curtis	100.00	
Mr. and Mrs. Frederic H. Curtiss	10,100.00	
Mrs. Howard G. Cushing	631.25	
Mr. Harold G. Cutler	100.00	
Mr. F. L. Daggett	300.00	
Fred L. Daggett, Charitable Trust	175.00	
Mr. John W. Davies	200.00	
Mrs. Lincoln Davis	100.00	
Mrs. James Dean	100.00	
Dr. and Mrs. Briant L. Decker	100.00	
Dickie-Raymond, Inc.	100.00	
Mr. Robert G. Dodge	100.00	
Dr. Gordon A. Donaldson	100.00	
Mr. W. B. Durant	100.00	
Dr. Richard W. Dwight	100.00	
Mrs. Marshall Dwinnell	100.00	
The Eaton Foundation	100.00	
Mr. David F. Edwards	237.50	
The Ellison Foundation	100.00	
Mrs. William Emerson	500.00	
Mrs. Robert W. Emmons	100.00	
Mrs. Augustus H. Eustis	100.00	
Mr. and Mrs. Frederick A. Eustis	200.00	
Mrs. Harris Fahnestock, Jr.	249.50	
Mr. Wallace Falvey	100.00	
Mrs. Eliot Farley	700.00	
Mr. J. W. Farley	700.00	
Mr. E. M. Farnsworth	100.00	
Mr. Herbert Farnsworth	300.00	
Mr. Cyrus Y. Ferris	500.00	
The First Boston Corporation	1,000.00	
First National Stores Inc.	1,000.00	
Mr. Joseph Fishman	100.00	
Mr. Donald B. Fleming	137.50	
Mr. Frederick C. Fletcher	100.00	
Miss Edith M. Fox	100.00	
Mr. Isidor Fox	250.00	
Miss Marion Fox	300.00	
Dr. and Mrs. Chester N. Frazier	100.00	
Mr. George F. Fuller	100.00	
Carried forward	$83,765.82	$586,224.50

Brought forward	$83,765.82	$586,224.50
Dr. James L. Gamble	100.00	
Mrs. William Tudor Gardiner	100.00	
Mr. and Mrs. John L. Gardner	100.00	
Mr. and Mrs. G. Peabody Gardner	500.00	
Garland Knitting Mills	100.00	
Mr. and Mrs. Emerson G. Gaylord	1,000.00	
The General Thread Mills, Inc.	100.00	
The Gillette Company	2,000.00	
Gilman Brothers Inc.	100.00	
Mr. Lonnie Glasscock	100.00	
Mr. Hollis T. Gleason	100.00	
Mr. Frederick A. Godley	100.00	
Mr. and Mrs. Frederic Gooding	100.00	
Mr. Arthur M. Goodridge	100.00	
Mrs. Frederic S. Goodwin	200.00	
Mr. Crawford Gordon	500.00	
Mr. and Mrs. Francis C. Gray	2,048.44	
Mr. Reginald Gray	5,150.00	
Mrs. Edward W. Grew	100.00	
Grosberg Family Charity Fund, Inc.	200.00	
Mr. Jacob Grossman	100.00	
Jacob Grossman Charitable Foundation	100.00	
Mr. and Mrs. Joseph G. Grossman	100.00	
Mr. and Mrs. Harold A. Grout	100.00	
Mr. and Mrs. Frank M. Gunby	100.00	
Mrs. Harry S. Hall	250.00	
Mr. Henry S. Hall, Jr.	100.00	
Mrs. John L. Hall	150.00	
Mrs. James R. Hammond	1,227.50	
Mr. Charles W. Hapgood	100.00	
Mr. William Barclay Harding	500.00	
Mr. Norman Harrower	100.00	
Mr. and Mrs. Joel D. Harvey	100.00	
Mr. Robert T. Hay	138.75	
Mr. and Mrs. Harold L. Hazen	200.00	
Mr. and Mrs. B. Howard Henderson	100.00	
Mr. F. L. Higginson	300.00	
Mr. Frederick W. Hill	200.00	
Mrs. Frederick W. Hilles	100.00	
Mr. Charles E. Hodges	100.00	
Mr. H. D. Hodgkinson	104.75	
Mr. and Mrs. W. H. Holcombe	100.00	
Mrs. Robert Homans	1,015.62	
Mr. and Mrs. Roger F. Hooper	200.00	
Hopedale Foundation	2,500.00	
Mr. and Mrs. Franklin P. Horton	100.00	
Miss Dorothy L. Hovey	100.00	
Mr. Charles P. Howard	100.00	
Mrs. Charles P. Howard	200.00	
Mrs. Samuel Howes	100.00	
Mr. and Mrs. David H. Howie	100.00	
Mrs. Llewellyn Howland	250.00	
Mr. Ralph K. Hubbard	500.00	
Mr. and Mrs. Arnold Hunnewell	750.00	
Mr. Francis W. Hunnewell	500.00	
Carried forward	$107,350.88	$586,224.50

Brought forward	$107,350.88	$586,224.50
Miss Jane P. Hunnewell	100.00	
Miss Louisa Hunnewell	2,035.00	
Miss Priscilla P. Hunnewell	100.00	
Mr. Walter Hunnewell, Jr.	100.00	
Mr. and Mrs. Walter Hunnewell	100.00	
Mr. Willard P. Hunnewell	100.00	
Mrs. G. Newell Hurd	250.00	
Mr. G. Newell Hurd	200.00	
Mr. William P. Husband, Jr.	1,000.00	
Mr. Charles L. Hutchinson	125.00	
International Equipment Company	250.00	
Mrs. E. E. Jack	100.00	
Mr. and Mrs. Henry B. Jackson	100.00	
Mrs. James Jackson, Jr.	100.00	
Mr. and Mrs. Charles S. Jenney	500.00	
Mr. and Mrs. George N. Jeppson and Family	1,000.00	
Mr. T. E. Jewell	100.00	
Mrs. Bradish Johnson	100.00	
Mr. and Mrs. Mark R. Jouett	523.13	
Mr. and Mrs. Shaun Kelley	500.00	
Mr. and Mrs. Henry P. Kendall	100.00	
Keystone Manufacturing Co.	100.00	
Kidder, Peabody & Co.	1,000.00	
Kimbell Foundation, Inc.	250.00	
Mr. and Mrs. Gilbert King	100.00	
Meyer Kirstein Foundation	100.00	
The Kresge Foundation	100,000.00	
Mr. Benjamin Kulp	100.00	
The A. D. L. Foundation	500.00	
Mrs. James Lawrence, Jr.	100.00	
Mr. Stanley H. Lawton	300.00	
Mrs. George C. Lee, Sr.	282.19	
Agnes Lindsay Trust	10,000.00	
Mrs. William D. Littlefield	100.00	
Mr. W. B. Long	300.00	
Mr. and Mrs. Francis B. Lothrop	114.00	
Mr. and Mrs. Joseph A. Lowe	500.00	
In Memory of Mrs. Anna Lowenberg	100.00	
Mr. and Mrs. Ralph Lowell	1,000.00	
The Lowenthal Fund, Inc.	100.00	
Mr. Argemiro de Hungria Machado	100.00	
B. L. Makepeace, Inc.	300.00	
Mr. Charles J. Margiotti	100.00	
Mr. Robert T. Markson	100.00	
Marlborough Laboratories	100.00	
Miss Eleanor P. Martin	200.00	
Mrs. Andrew Mason	100.00	
Mr. Henry Mason	200.00	
Mr. and Mrs. Philip R. Mather	1,000.00	
Mrs. John McAndrew	100.00	
Miss Emily W. McKibbin	100.00	
Carried forward	$232,280.20	$586,224.50

Brought forward	$232,280.20	$586,224.50
Miss Maud A. McLeod	100.00	
Mr. and Mrs. John P. McQueen	100.00	
Mr. and Mrs. Augustus Gardner Means	283.75	
Meigs Associates	500.00	
Merrill Lynch, Pierce, Fenner & Beane Foundation, Inc.	100.00	
Merrimac Charitable Trust	100.00	
Mrs. Valerie Veasey Miller	100.00	
Mr. and Mrs. Henry W. Minot	100.00	
Mr. James J. Minot	100.00	
George W. Mitton Memorial Foundation	500.00	
Dr. William Jason Mixter	100.00	
Mr. and Mrs. John A. Moir	100.00	
Mr. and Mrs. Edward W. Moore	100.00	
Mr. Robert L. Moore	100.00	
Mrs. Henry A. Morss	1,028.75	
Mr. and Mrs. Sherman Morss	100.00	
Mr. B. P. P. Moseley	100.00	
Mr. and Mrs. E. Preble Motley	100.00	
Mr. and Mrs. J. Lothrop Motley	100.00	
Mr. and Mrs. Thomas Motley	100.00	
Mr. Warren Motley	100.00	
Mr. and Mrs. George S. Mumford	250.00	
In Memory of Dr. Ira Nathanson	250.00	
Dr. John L. Newell	100.00	
New England Electrotype Co.	500.00	
W. H. Nichols Co.	250.00	
Northern Steel Inc.	100.00	
Mr. John J. O'Connell	100.00	
Mr. George Olmsted, Jr.	200.00	
Osborne Charitable Fund	330.00	
Mrs. John Bryant Paine	100.00	
Mr. Stephen Paine	500.00	
Mr. and Mrs. Lester C. Peabody	100.00	
Miss Elizabeth R. Peabody	100.00	
Penn Metal Company, Inc.	500.00	
Mrs. Arthur Perry	100.00	
Mr. Donald F. Perry	100.00	
Mr. H. G. Perry	500.00	
Mrs. Sherman Perry	100.00	
Mr. Sanford F. Petts	100.00	
Dr. and Mrs. Philip Phillips	1,482.25	
Mr. and Mrs. Dudley L. Pickman	100.00	
Mr. Myron E. Pierce	150.00	
The Pittsburg & Shawmut Railroad Co.	1,000.00	
Mr. Arthur K. Pope	100.00	
Mrs. John R. Post	100.00	
Mr. and Mrs. H. Glenn Powning, Jr.	100.00	
Mr. and Mrs. Edwin Pratt	250.00	
Mr. Frederick S. Pratt	250.00	
Mrs. W. Eliott Pratt, Jr.	710.00	
Mrs. Roger Preston	100.00	
Mr. R. W. Price	100.00	
Mrs. Lewis I. Prouty	2,000.00	
Carried forward	$247,014.95	$586,224.50

Brought forward	$247,014.95	$586,224.50
K. J. Quinn & Co., Inc.	500.00	
Raffi and Swanson, Inc.	100.00	
A. C. Ratshesky Foundation	500.00	
Mr. and Mrs. Alfred C. Redfield	100.00	
Reed and Barton Corporation	500.00	
Mr. E. H. R. Revere	100.00	
Mr. J. Preston Rice	377.50	
Mr. Elliot L. Richardson	500.00	
Dr. George S. Richardson	1,000.00	
Miss Mabel Louise Riley	2,000.00	
Mr. and Mrs. Russell Robb	315.00	
Mr. and Mrs. Dwight P. Robinson, Jr.	513.75	
Mr. Fred N. Robinson	500.00	
George H. Rockwell Foundation	300.00	
Dr. Grant V. Rodkey	250.00	
Mr. Dudley P. Rogers	1,000.00	
Dr. and Mrs. Horatio Rogers	2,600.00	
Mr. Paul J. Sachs	100.00	
Sanborn Company	300.00	
Mr. Frank B. Sanborn	100.00	
Mr. Henry J. Sargent	200.00	
Mrs. Hippach Scharin	100.00	
Mr. and Mrs. Carl N. Schmalz	100.00	
Mr. and Mrs. Donald Scott	150.00	
Mr. Hugh D. Scott	390.00	
Miss Evelyn Sears	100.00	
Security Mills, Inc.	100.00	
Mrs. William A. Seifert	100.00	
H. J. Seiler Company	100.00	
Mr. Henry L. Shattuck	1,333.75	
Mr. Winthrop L. Sheedy	100.00	
Miss Edith Mills Shepard	250.00	
Mrs. Gifford K. Simonds	5,000.00	
A. L. Smith Iron Company	125.00	
Miss Mary Byers Smith	500.00	
Mr. J. R. Snider	100.00	
Mrs. William B. Snow	100.00	
Mr. and Mrs. William D. Sohier	912.50	
Dr. and Mrs. William D. Sohier, Jr.	2,000.00	
Mrs. Willard B. Soper	100.00	
The Harriet M. Spaulding Charitable Trust	5,000.00	
The Harriet M. Spaulding Charitable Trust (for equipment)	25,000.00	
Mr. John F. Spence	100.00	
Sprague Electric Company	2,500.00	
Miss Anna B. Stearns	100.00	
Mrs. Albert E. Steele	100.00	
Mr. and Mrs. Alan Steinert	201.25	
Mr. Robert H. Stevenson	500.00	
Mr. Gilbert L. Steward	100.00	
Mr. Robert G. Stone	1,000.00	
Stowe-Woodward, Inc.	200.00	
Dr. Channing S. Swan	100.00	
Mr. E. Kent Swift	450.00	
Carried forward	$305,883.70	$586,224.50

Brought forward	$305,883.70	$586,224.50
Mrs. George H. Swift	1,000.00	
Mr. and Mrs. Albert L. Sylvester	100.00	
Mr. and Mrs. Albert L. Sylvester Memorial Fund	100.00	
Mrs. John Sylvester	1,107.50	
Miss Beatrice Talbot	100.00	
Mr. Charles H. Taylor	100.00	
Mr. and Mrs. J. Hobson Taylor	100.00	
Mrs. Frank H. Thayer	100.00	
Mrs. Warren Thayer	100.00	
Mr. and Mrs. Randall Thompson	200.00	
Mr. Samuel J. Tomasello	100.00	
Miss Elizabeth Townsend	100.00	
Miss Rose Townsend	100.00	
Miss Grace W. Treadwell	500.00	
The Tredennick-Billings Company	250.00	
Mr. and Mrs. Howard M. Turner	100.00	
United-Carr Fastener Corporation	1,000.00	
United Elastic Corporation	250.00	
U. S. Government (Hill-Burton Act)	225,000.00	
Miss Marion W. Vaillant	119.50	
Dr. James E. Vance	100.00	
Dr. Beth Vincent	500.00	
Mr. and Mrs. F. Frank Vorenberg	100.00	
Mr. George R. Walker	141.25	
Mr. Joseph E. Walworth	100.00	
Mr. Edgar Ward	100.00	
Dr. and Mrs. John L. Ward	300.00	
Ward Steel Co.	100.00	
Mrs. Guy Waring	200.00	
Mr. and Mrs. Howland S. Warren	250.00	
Mr. Louis Weinberg	100.00	
Dr. and Mrs. Claude E. Welch	250.00	
Mr. and Mrs. Walter W. Weld	100.00	
Albert B. Wells Family Trusts	700.00	
J. Cheney Wells 1921 Trust	500.00	
Miss Cynthia M. Wesson	100.00	
Mr. and Mrs Richard S. West	100.00	
Westfield Foundation	100.00	
Mr. and Mrs. Bartholomew F. Whalen	100.00	
Mr. and Mrs. Leeds Wheeler	200.00	
Mr. Howard Whitcomb	100.00	
Mr. Charles P. White	100.00	
Mr. and Mrs. James N. White	200.00	
White, Weld & Co.	600.00	
Mr. Arthur St. J. Whiting	100.00	
The Whitinsville Foundation	250.00	
Whitinsville Spinning Ring Co.	750.00	
Mr. Charles H. Whitney	100.00	
Mr. and Mrs. Theodore T. Whitney	100.00	
Mr. and Mrs. Robert G. Wiese	107.50	
Mr. John Burr Williams	150.25	
Miss Mary E. Williams	200.00	
Mr. and Mrs. Sydney M. Williams	100.00	
Carried forward	$543,409.70	$586,224.50

Brought forward	$543,409.70	$586,224.50
Mr. and Mrs. Thomas B. Williams	103.50	
Mr. and Mrs. Ben L. Wilson	100.00	
Mrs. G. Herbert Windeler	100.00	
Mrs. Frederick Winsor	1,500.00	
Sara T. Winthrop Memorial Fund	225.00	
Mr. and Mrs. Oliver Wolcott	216.11	
Mr. S. Huntington Wolcott	371.00	
Mr. and Mrs. Paul I. Wren	100.00	
Mr. George L. Wrenn, 2nd	400.00	
Mrs. Warren M. Wright	100.00	
*2,514 Donations of under $100.00	42,690.87	589,316.18

AMBULATORY CLINIC BUILDING FUND

Gifts of		
Dr. Walter Bauer	$ 50.00	
Mr. Stanley G. H. Fitch	25.00	
The Ford Foundation	125,000.00	
Mr. Herman Dana	1,000.00	126,095.00

DR. ALBRIGHT'S LABORATORY FUND

Gift of Mrs. Joseph Gottlieb		100.00
		$1,301,735.68

McLEAN HOSPITAL FUNDS

Fund No.			
	GENERAL FUND		
	Gifts of		
	Anonymous	$ 500.00	
	In Memory of Mr. and Mrs. William Van Zant Wilson	50.00	550.00
45	FREE BED FUNDS		
	Gift of Associated Charities & Veterans Hospital Fund		100.00
60	ANNABELLA McCREA SCHOLARSHIP FUND		
	Gifts of		
	Mr. Philip W. Spalding	$ 400.00	
	Miss Margaret C. Tibbetts	5.00	405.00
			$1,302,790.68

FIDUCIARY FUNDS

CHESTER MORSE JONES FELLOWSHIP FUND

Gifts of		
Anonymous	$ 1,000.00	
Dr. Chester M. Jones	800.00	1,800.00
TOTAL PRINCIPAL FUNDS		$1,304,590.68

INCOME FUNDS

General Hospital Funds

Treasurer's Funds

ANNUAL FREE BED FUND

Mrs. William H. Ames	$ 300.00	
2 Anonymous Gifts	400.00	
Mr. Thomas P. Beal	100.00	
In Memory of Mrs. Ida DeFord Beal		
Mr. and Mrs. Thomas P. Beal	100.00	
Mrs. Arthur W. Bell	100.00	
Mrs. Taylor Black	500.00	
Mrs. J. D. Cameron Bradley	100.00	
Mrs. Louis Curtis	100.00	
Miss Mary Curtis	100.00	
Mrs. Malcolm Donald	100.00	
Mr. and Mrs. Augustus H. Eustis	100.00	
In Memory of Ernest W. Bowditch		
Mrs. Stephen FitzGerald	500.00	
Mr. and Mrs. Francis C. Gray	400.00	
Mr. John G. Greene	100.00	
Mrs. Richard Walden Hale	100.00	
Mr. Henry P. King	100.00	
Mrs. George Lewis, Jr.	100.00	
Mr. Ralph Lowell	100.00	
In Memory of My Mother Mary Emlen Lowell		
Mr. and Mrs. Ralph Lowell	200.00	
In Memory of John Lowell 1816-1820		
John Amory Lowell 1843-1851		
John Lowell 1856-1870		
John Lowell 1910-1922		
Trustees of The Massachusetts General Hospital		
Mr. and Mrs. Samuel Mixter	250.00	
Miss Amelia Peabody	500.00	
Mr. Neal Rantoul	1,000.00	
1916 Sewing Circle	100.00	
Mrs. Rudolph Weld	200.00	$ 5,650.00
In Memory of Rudolph Weld		

CURRENT EXPENSE FUND

Agoos Family Charity Fund	$ 250.00	
Mrs. Francis Anthony	60.00	
Bequest of Miss Caroline E. Chickering	6,931.46	
Committee of the Permanent Charity Fund, Inc.	17,000.00	
Bequest of Clarence G. Croll	195.00	
Mr. A. D. Fay	25.00	
Bequest of James O. Graves	86.90	
Grosberg Family Charity Fund, Inc.	100.00	
Carried forward	$ 24,648.36	$ 5,650.00

Brought forward	$ 24,648.36	$ 5,650.00
Mr. and Mrs. Edgar C. Rust	500.00	
Miss Edith H. Sears	50.00	
William Underwood Company	150.00	
United Community Services	182,706.00	208,054.36
FUND TO HONOR DR. BUTLER		
Gift of Pediatric Service House Officers		20.00
CHAIN LETTER FUND		
24 Gifts		48.00
DR. STANLEY COBB PORTRAIT FUND		
Gifts of		
Bishop William Scarlett	$ 25.00	
Mr. J. Cheney Wells	200.00	225.00
CUSHMAN FUND FOR SOCIAL SERVICE		
Gift of Mrs. Charles F. Cushman		100.00
KAYPE FUND		
Gifts of		
Anonymous	$ 2,000.00	
Mr. and Mrs. Francis C. Gray	1,800.00	3,800.00
LEVY FOUNDATION FUND FOR NEURO-SURGICAL EQUIPMENT		
Gift of June Rockwell Levy Foundation, Inc.		5,000.00
MACOMBER MEMORIAL FUND		
Gifts of		
Mr. Archibald R. Graustein	$ 100.00	
Mr. and Mrs. John W. Valentine	50.00	150.00
MIXTER PORTRAIT FUND		
Gift of 86 Sundry Donors		1,270.00
PARKER FUND		
Gift of Mrs. Cortlandt Parker		500.00
STEVENS FOUNDATION FUND		
Gift of Nathaniel and Elizabeth P. Stevens Foundation		25,000.00
MISCELLANEOUS FUNDS		
Gift of Sundry Donors		898.50
		$250,715.86

Funds For Special Purposes

ANESTHESIA DEPARTMENT		
Fund No.		
3008 U.S. Public Health Service Fund for Study of Relationship of Personality to Effects of Certain Drugs u/d Dr. Beecher		$ 15,505.00
Carried forward		$266,220.86

	Brought forward		$266,220.86
3024	National Academy of Sciences Fund for Analgesic Potency Studies of Post-operative Patients u/d Dr. Beecher		2,384.60
3030	Mallinckrodt Chemical Works Fund for Research in Anesthetics u/d Dr. Beecher		11,122.00
3037	Massachusetts Heart Association Fund for Studies of Hemodynamic and Metabolic Interrelationships in the Activity of Epinephrine u/d Dr. Brewster		14,782.50
BIOCHEMISTRY RESEARCH LABORATORY			
3116	U.S. Public Health Service Fund for Research on the Mechanism of Enzymatic Group Activation with ATP u/d Dr. Lipmann		7,452.00
3170	Sundry Gifts at the Disposal of Dr. Lipmann National Foundation for Infantile Paralysis		3,750.00
3185	American Cancer Society Fund for Study of Enzymes Responsible for Transfer of Phosphate among Phosphorylated Nucleosides u/d Dr. Gregory		3,552.00
3186	American Cancer Society Fund for Study of Enzymes Responsible for Transfer of Phosphate among Phosphorylated Nucleosides u/d Dr. Gregory		1,275.25
3223	Life Insurance Medical Research Fund for Research in Enzyme Mechanisms in Biosynthesis u/d Dr. Lipmann		16,500.00
3230	U.S. Public Health Service Fund for Study of Enzyme Reactions in Biosynthetic Systems u/d Dr. Lipmann		10,895.83
3231	U.S. Public Health Service Fund for Study of Enzyme Reactions in Biosynthetic Systems u/d Dr. Lipmann		22,361.00
3256	Rockefeller Foundation Fund for Research u/d Dr. Lipmann		11,502.99
BLOOD BANK			
3300	Sundry Gifts for Support of Blood Bank American Austrian Benefit Association		15.00
BRAIN WAVE LABORATORY			
3355	Allen P. & Josephine B. Green Foundation Fund for Support of Clinical Investigations of Patients with Parkinson's disease u/d Dr. Schwab		10,000.00
3375	Neuropharmacological Research Fund		
	Abbot Laboratories	$ 500.00	
	American Cyanamid Company	1,500.00	
	Carried forward	$ 2,000.00	$381,814.03

	Brought forward	$ 2,000.00	$381,814.03
	American Home Products Corporation	1,625.00	
	Burroughs Wellcome & Company (USA) Inc.	1,375.00	
	Ciba Pharmaceutical Products Inc.	1,600.00	
	Cutter Laboratories	1,812.50	
	Hoffman-LaRoche Inc.	3,000.00	
	Eli Lilly and Company	2,625.00	
	Parke, Davis & Company	5,000.00	
	A. H. Robins Company, Inc.	2,250.00	
	Sandoz Chemical Works, Inc.	1,312.50	
	G. D. Searle & Co.	1,131.00	
	Sharpe & Dohme	1,250.00	
	Sterling-Winthrop Research Institute	1,750.00	
	Warner-Lambert Pharmaceutical Company	2,250.00	28,981.00
3385	Sundry Gifts for Research in Parkinson's Disease u/d Dr. Schwab		
	97 Sundry Donors		5,707.00
3410	Myasthenia Gravis Foundation Fund for Research u/d Dr. Schwab		
	Mrs. Herman Brenner	$ 10.00	
	Mr. and Mrs. Lawrence Burke	10.00	
	In Memory of Miss Evelyn Gale	5.00	
	Myasthenia Gravis Foundation, Inc.	1,500.00	1,525.00
CANCER RESEARCH			
3450	MGH Cancer Research Fund		
	2 Anonymous Gifts	$ 7,975.00	
	Mr. James Lawrence, Jr.	200.00	
	Bequest of Marion L. Wheeler	9.00	8,184.00
3476	American Cancer Society Fund for Cancer Research		133,574.34
3477	American Cancer Society Fund for Cancer Research		33,437.50
3608	American Cancer Society Fund for Study of Purines and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		4,500.00
3609	American Cancer Society Fund for Study of Purines and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		1,600.00
3613	American Cancer Society Fund for Research in the Countercurrent Distribution of Urinary Steroids in Cancer u/d Drs. Aub and Engel		10,718.25
3614	American Cancer Society Fund for Research in the Countercurrent Distribution of Urinary Steroids in Cancer u/d Drs. Aub and Engel		3,804.25
	Carried forward		$613,845.37

	Brought forward		$613,845.37
3616	U.S. Public Health Service Fund for Study of Enzymatic Mechanism of Protein Synthesis in Animal Tissue u/d Dr. Hoagland		7,043.00
3655	Jane Coffin Childs Memorial Fund for Research on Urinary Steroid Metabolites in Cancer u/d Drs. Engel and Baggett		8,380.00
3656	Jane Coffin Childs Memorial Fund for Research on Urinary Steroid Metabolites in Cancer u/d Drs. Engel and Baggett		8,380.00
3661	Joseph C. Aub Lectureship Fund		
	97 Sundry Donors		2,025.00
3702	American Cancer Society Fund for Spectroscopic Investigation of Molecular Interaction in Compounds of Biological Importance u/d Dr. Scott		4,875.00
3703	American Cancer Society Fund for Spectroscopic Investigation of Molecular Interaction in Compounds of Biological Importance u/d Dr. Scott		1,250.00
3715	Ira T. Nathanson Memorial Fund for Cancer Research u/d Dr. Aub		
	In Memory of Mrs. Doris Kapstein Freedman	$ 47.50	
	Mr. Phillips Ketchum	100.00	
	In Memory of Mr. George Krauzer	40.00	
	In Memory of Mr. Louis Luftman	2.00	
	In Memory of Mrs. Elizabeth Meltzer	15.00	
	Dr. Daniel Miller	5.00	
	In Memory of Mrs. John R. Perry	10.00	
	In Memory of Mr. Isaac M. Springer	2.00	
	Miss Alice Shine	10.00	231.50
3765	American Cancer Society (Mass. Div.) Fund for Studies on the Biosynthesis of Cholesterol u/d Dr. Bucher		6,301.05
3771	U.S. Public Health Service Fund for Study of Ferritin and Hemin Synthesis u/d Dr. Zamecnik		5,267.18
3772	U.S. Public Health Service Fund for Study of Ferritin and Hemin Synthesis u/d Dr. Zamecnik		5,244.00
3790	American Cancer Society Fund for a Fellowship for Dr. Kenneth Ryan u/d Dr Engel		500.00
3791	U.S. Public Health Service Fund for Comparison of Surfaces of Normal and Cancer Cells u/d Dr. Zamecnik		19,647.00
	Carried forward		$682,989.10

	Brought forward		$682,989.10
3846	American Cancer Society (Mass. Div.) Fund for Study of Cell Surfaces of Tumors u/d Dr. Zamecnik		6,340.00
3870	Sundry Gifts for Cancer Research u/d Dr. Zamecnik		
	In Memory of Mrs. Marion Barger	$ 1.00	
	Mrs. Henry C. Berlin	100.00	
	Mr. Campbell Bosson	109.00	
	In Honor of the Recovery of James Campbell	5.00	
	In Memory of Mrs. Rachel Chase	10.00	
	In Memory of Mrs. Annie Cohen	1.00	
	In Memory of Ella Gertrude Davidson	5.00	
	In Memory of Mrs. Phyllis Davis	7.50	
	In Memory of Mr. William B. Durkee	12.80	
	In Memory of Mr. Waldo Forbes	295.00	
	In Memory of Mr. Frank E. Gage	15.00	
	In Memory of Mr. Louis Gale	3.00	
	In Memory of Lena Goldman	2.00	
	In Memory of Mr. George Wheeler Graham	15.00	
	In Memory of Mrs. Edith F. Greenberg	5.00	
	Harvard Combined Charities	4.00	
	In Memory of Mr. Henderson Inches	100.00	
	In Memory of Mrs. Minnie Levin	1.00	
	In Memory of Mrs. Gertrude Lourie	5.00	
	In Memory of Mr. Peter Luzakas	10.00	
	In Memory of Mr. Frederick J. MacDonald	70.00	
	In Memory of Mrs. Charlotte R. McElwain	50.00	
	Miss Ermina Naimo	10.00	
	In Memory of Mr. Richard Nichols	5.00	
	In Memory of Mrs. Mabel Nye	15.00	
	In Memory of Mrs. Melva Pasanen	5.00	
	In Memory of Mrs. Beatrice W. Perrin	450.00	
	In Memory of Mrs. Walter A. Powers	10.00	
	Mr. Louis Shindler "In Memory of My Sister"	5.00	
	Mr. Philip Silverman	10.00	
	In Memory of Mr. Samuel Silverstein	2.00	
	Mrs. Lillian C. Smith	10.00	
	In Memory of William Wood Smith	25.00	
	In Memory of Mr. Emlyn S. Vose	65.00	
	Miss Eileen M. Weller	10.00	
	In Memory of Mr. Charles Wiseberg	2.00	
	Mr. George H. Worthy	100.00	1,550.30
3906	U.S. Public Health Service Fund for Study of Cytochemical Manifestations of Growth u/d Dr. Zamecnik		20,939.52
	Carried forward		$711,818.92

	Brought forward		$711,818.92
3917	U.S. Public Health Service Fund for Study of Nuclear and Cytoplasmic Factors in Controlling Cellular Growth u/d Dr. Zamecnik		16,612.38
3924	Atomic Energy Commission Fund for a Biochemical Study of the Effects of Radiation u/d Dr. Zamecnik		54,435.00
4122	American Cancer Society (Mass. Div.) Fund for Salary of Research Secretary u/d Dr. Kelley		4,203.25
4200	Sundry Gifts for the Tumor Clinic Mr. Gordon Brown		300.00
	DERMATOLOGY SERVICE		
4310	Reheis Company Fund for Study of the Effect of Antiperspirants on the Skin u/d Dr. Blank		7,500.00
4415	Dr. G. Marshall Crawford Memorial Fund for Research u/d Dr. Frazier Dr. John L. Fromer		50.00
4426	Parke, Davis & Company Fund for Study of Reaction of Adhesive Tape on the Skin u/d Dr. Blank		1,425.00
4461	American Cancer Society Fund for the Fellowship of Dr. R. D. Griesemer		6,000.00
	ENDOSCOPY SERVICE		
4500	Maud Benson Benedict Memorial Fund for Endoscopy and Research u/d Drs. Edward B. and Patricia H. Benedict		1,113.75
	FREE CARE		
4560	Dean Foundation for Little Children Fund for the Care and Relief of Destitute Little Children		1,500.00
4620	Nelson E. Weeks Fund for Free Care of Needy Patients		1,500.00
4625	Sundry Memorial Gifts for Free Bed Care		
	In Memory of Mildred Barr	$ 5.00	
	In Memory of William J. Burke	10.00	
	In Memory of Edward Dana	10.00	
	In Memory of Mrs. Sarah Dorman	3.00	
	In Memory of George L. Foote	10.00	
	In Memory of Charles H. W. Foster	63.00	
	In Memory of J. Philip Lane	10.00	
	In Memory of Myron P. Lepie	2.00	
	In Memory of Lindsley Loring	307.00	
	In Memory of Dr. Edward L. Peirson	25.00	
	In Memory of Mrs. Violet Lang Phillips	205.00	
	Carried forward	$ 650.00	$806.458.30

	Brought forward	$ 650.00	$806.458.30
	In Memory of George Pulliam	5.00	
	In Memory of Dr. Leon Reznick	35.00	
	In Memory of Mrs. F. Foster Sherburne	5.00	
	In Memory of Mrs. Helen Everett Tufts	20.00	
	In Memory of Mrs. S. Wiley Wakeman	10.00	
	In Memory of Mrs. J. M. Willis	10.00	735.00
4626	Sundry Gifts for Free Care		
	Anonymous	$ 2.00	
	In Memory of Mr. Warren D. Arnold	100.00	
	Miss Jean Beaton	10.00	
	Mrs. Henry J. Brown	5.00	
	Mrs. John M. Campbell	25.00	
	Central Building Wrecking Company	50.00	
	Mrs. Antonia Daluz	10.00	
	Mr. Harry Dykan	5.00	
	Mr. George Hamilton	10.00	
	Mrs. Bessie L. Ludwig	3.00	
	Mr. Aubrey Pryce	7.00	
	Mrs. Otis C. Randall	5.00	
	Mr. Glen W. Reed	2.00	
	Mr. Max Reiser	5.00	
	Mrs. Jennie Segal	2.00	
	Mr. H. James Stern	5.00	246.00
4680	Sundry Gifts for the Purchase of Expensive Therapeutic Agents for Needy Patients		
	Mr. Donald McKay Frost		100.00
	GYNECOLOGY SERVICE		
4731	Carroll Dunham Smith Pharmacal Co. Fund for Clinical Evaluation of Triamar (Smith) as Trichomonacide u/d Dr. Bartlett Stone		1,200.00
	MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS		
4805	Ladies' Visiting Committee Fund for Emergency Recreation u/d Mrs. Virginia Arnold and Mrs. Helen R. Gray		900.00
4810	Ladies' Visiting Committee Fund for Secretarial Work for Ladies' Visiting Committee		264.00
4865	Sundry Gifts at the Disposal of the Director of the Phillips House		
	Anonymous	$ 10.00	
	Mr. Jose M. Bosch	1,000.00	
	Mrs. G. Newell Hurd	250.00	
	Mr. Robert H. Storer	15.00	1,275.00
4870	Ladies' Visiting Committee "Travelli" Fund		2,200.00
4980	Lieutenant Robert S. Hurlbut Memorial Room Fund		
	Mrs. Byron S. Hurlbut		981.25
	Carried forward		$814,359.55

	Brought forward		$814,359.55
MEDICAL SERVICE			
5040	M.G.H. Research Fund		
	American Cyanamid Company	$10,000.00	
	Josephine and Madaleine Burgasano and Janice Malsky	5.73	
	Burroughs Wellcome & Co. (USA) Inc.	5,000.00	
	Mr. G. M. Kidder	5.00	
	In Memory of Mr. Jason Lichtenstein	5.00	
	Miss A. B. P. Metcalf	10.00	
	Charles Pfizer & Co., Inc.	10,000.00	
	Raytheon Manufacturing Company	2,500.00	
	Miss Lucia Russell	75.00	
	Mrs. H. F. Salmond	25.00	
	In Memory of Mrs. Louise Saunders	43.00	
	G. D. Searle & Co.	4,000.00	
	In Memory of Philip S. Slocum	30.00	
	Sterling-Winthrop Research Institute	5,000.00	
	In Memory of Mary E. Stoney	30.55	
	The Upjohn Company	10,000.00	
	In Memory of Simeon J. Whitney	25.00	46,754.28
5070	For Care of Portraits		
	Sundry Donors		260.00
5110	Atomic Energy Commission Fund for Research on the Metabolism of Calcium and Strontium u/d Dr. Stanbury		20,955.00
5162	Loufbourow Memorial Fund for Research in Hypertension u/d Dr. Palmer		
	Dr. and Mrs. Oscar M. Hechter	$ 10.00	
	Dr. Robert S. Palmer	32.55	
	Dr. Alfred P. Rogers	150.00	
	Mrs. E. M. Slocombe	20.00	
	Mr. Langdon T. Williams	50.00	262.55
5163	Good Will Fund at the Disposal of Dr. Gerardo Balboni		
	Mr. Guiseppe Cuccinotta	$ 5.00	
	Mr. Fred Guinzale	50.00	
	The Razeto Family	50.00	105.00
5170	American Heart Association Fund for Study of Distribution of Large Water Load and Site of Action of Cortisone u/d Dr. Leaf		3,937.50
5184	American Heart Association Fund for Study of the State of Body Water u/d Dr. Leaf		2,180.75
5186	U.S. Public Health Service Fund for Study of Proteolytic Enzymes u/d Dr. Berg		5,015.73
5187	U.S. Public Health Service Fund for Study of Proteolytic Enzymes in Plasma and Urine in Normal Patients and Patients with Tissue Destruction u/d Dr. Berg		7,637.00
	Carried forward		$901,467.36

	Brought forward		$901,467.36
5210	Atomic Energy Commission Fund for Research on Radiation Effect in the Thyroid		13,000.00
5236	U.S. Public Health Service Fund for Study of Assay and Physiology of Thyroid Stimulating Hormones u/d Drs. Stanbury and Postel		6,387.00
5285	King Trust Fund for Research on the Intricacies of Carbohydrate Metabolism u/d Dr. Field		3,300.00
5316	The Miss Aimee Lamb Fund for Thyroid Research u/d Dr. Stanbury		1,000.00
5335	Sundry Gifts for Thyroid Research u/d Dr. Lerman		
	Mr. H. Bower	$ 20.00	
	3 Chain Letter Contributors	6.00	26.00
5355	U.S. Public Health Service Fund Graduate Training Grant in Diabetes u/d Dr. Bauer		11,880.00
5362	U.S. Public Health Service Fund for Study of the Parometers of the Thyroid Gland u/d Dr. Brownell		5,923.56
5363	U.S. Public Health Service Fund for Study of the Parometers of the Thyroid Gland u/d Dr. Brownell		11,204.00
5371	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Bauer		21,060.00
5382	U.S. Public Health Service Fund for Study of Application of Scintillation Counters to Multiple Tracer Experiments Dr. Brownell		6,389.00
5403	U.S. Public Health Service Fund for Studies in Antigon-Antibody Reactions u/d Dr. Bauer		500.00
5405	Atomic Energy Commission Fund for Research to Establish a Beryllium Case Registry u/d Dr. Hardy		5,084.50
5412	U.S. Public Health Service Fund for Study of Pulmonary Diseases due to Toxic Chemicals and Dust u/d Dr. Hardy		3,697.60
5413	U.S. Public Health Service Fund for Study of Pulmonary Diseases due to Toxic Chemicals and Dust u/d Dr. Hardy		12,847.00
5417	National Tuberculosis Association Fund for Study of the Hemodynamics of the Pulmonary Vascular System u/d Dr. Burrage		2,536.50
	Carried forward		$1,006,320.52

	Brought forward		$1,006,320.52
5420	The Upjohn Company Fund for Study of Steroid Hormones in the Management of Intractable Asthma u/d Dr. Burrage		5,531.00
5421	Charles A. King Fund for Research in Allergic Diseases u/d Dr. Berg		7,000.00
5426	U.S. Public Health Service Fund for Study of the Composition, Function and Malfunction of Connective Tissue u/d Dr. Gross		25,391.00
5430	Sundry Gifts for the Allergy Clinic u/d Dr. Burrage		
	Anonymous	$ 6,000.00	
	Mrs. William T. Aldrich	200.00	
	Mrs. Charles R. Carney	2,500.00	
	The Mary Dexter Fund, Inc.	1,000.00	
	Mrs. Aldus C. Higgins	500.00	
	Mrs. Lewis I. Prouty	3,000.00	13,200.00
5433	Lakeside Laboratories, Inc. Fund for Study of Therapy of Bronchial Asthma u/d Dr. Burrage		5,009.38
	MEDICAL SERVICE, ARTHRITIS		
5434	Sundry Gifts for the Louis Sternberg Fund u/d Dr. Bauer		
	49 Sundry Donors	$ 1,900.00	
	A. & J. Realty Corp.	100.00	
	Mr. Matthew Berman	100.00	
	Ben Elfman, Morris Elfman and Arthur Saklad	100.00	
	Robert Goldstein Family Charitable Foundation	100.00	
	Picariello & Singer, Inc.	100.00	
	Mrs. Charles H. Pettit	1,000.00	
	Irving, Joseph and Nathan Schwartz	100.00	3,500.00
5436	Sundry Gifts for the Renovation of Dr. Bauer's Office		
	Bequest of Mr. Morris Shapiro		333.33
5438	Eli Lilly Company Fund for Research u/d Dr. Bauer		10,000.00
5439	Helen Hay Whitney Foundation Fund for Study of Connective Tissue Diseases u/d Dr. Batchelor		12,000.00
5443	U.S. Public Health Service Fund for Study of Connective Tissue Diseases u/d Dr. Jeanloz		11,484.69
5444	U.S. Public Health Service Fund for Study of Extracellular Hyaline Substances in Relation to Rheumatoid Arthritis u/d Dr. Calkins		10,930.00
	Carried forward		$1,110,681.92

	Brought forward		$1,110,681.92
5459	Helen Hay Whitney Foundation Fund for Study of Proteins and Glycoproteins of Connective Tissue and Serum u/d Dr. Bauer		21,873.05
5463	U.S. Public Health Service Fund for Study of Plasma and Connective Tissue Glycoproteins u/d Dr. Schmid		3,511.00
5466	American Heart Association Fund for Study of the Biological Significance of the Sulfate Group in Herapins u/d Dr. Jeanloz		8,000.00
5468	Arthritis and Rheumatism Foundation Fund for Laboratory Expenses of Dr. Sharp		500.00
5469	Arthritis and Rheumatism Foundation Fund for Laboratory Expenses of Dr. Decker		500.00
5472	U.S. Office of Vocational Rehabilitation Fund for Training in the Rehabilitation of Arthritics u/d Dr. Bauer		1,250.00
5483	Arthritis and Rheumatism Foundation Fund for Fellowship for Dr. Fessler		500.00
5484	Arthritis and Rheumatism Foundation Fund for Fellowship for Dr. Cohen		500.00
5487	U.S. Public Health Service Fund for Study of the Biochemistry of Amino-Sugar Containing Tissue Constituents u/d Dr. Soodak		6,350.00
5488	U.S. Public Health Service Fund for Study of the Biochemistry of Amino-Sugar Containing Tissue Constituents u/d Dr. Soodak		13,483.49
5489	The Miss Aimee Lamb Fund for Medical Research u/d Dr. Bauer		10,000.00
5494	National Science Foundation Fund for Research on Uridine-Diphosphate-Amino-sugar Derivatives u/d Dr. Jeanloz		8,000.00
5500	U.S. Public Health Service Fund for the Study of Carbohydrate Components of Connective Tissue u/d Dr. Jeanloz		23,405.00
MEDICAL SERVICE, BIOLOGY			
5516	Wechsler Research Foundation Fund for Metabolic Studies u/d Dr. Pechet		500.00
5520	Sundry Gifts for Support of Laboratory u/d Dr. Albright		
	Ayerst Laboratories	$ 3,000.00	
	Mrs. Joseph J. Gottlieb	85.55	3,085.55
	Carried forward		$1,212,140.01

	Brought forward		$1,212,140.01
5530	Mallinckrodt Chemical Works Fund for Purpose of Supplementing Dr. Albright's Salary		500.00
	MEDICAL SERVICE, CARDIAC		
5540	Sundry Gifts for Coronary Research u/d Dr. Paul D. White		
	Mr. Alexander S. Beal	$ 50.00	
	Mr. Walter Berkowitz	100.00	
	The Bordeaux Belles	25.00	
	Chain Letter Contributors	10.00	
	Mr. George Coffin	200.00	
	Dr. Gordon K. Doan	5.00	
	In Honor of the 40th Wedding Anniversary of Mr. and Mrs. Harry L. Drucker	50.00	
	Mr. Leslie N. Gebhard	100.00	
	Mr. Charles Goldman	100.00	
	Barnett D. Gordon Family Foundation	200.00	
	Mr. Lucius T. Hill	10.00	
	In Memory of Albert E. Kleinert	10.00	
	Mr. Stephen W. Makris	15.00	
	Mr. Benjamin Marks	25.00	
	Mrs. Marion G. Marland	1,000.00	
	Mr. and Mrs. W. Stephens Mayer	100.00	
	In Memory of Dr. Gordon Mackay Morrison	15.00	
	Mr. Frederick A. Newman	25.00	
	Mr. Milton S. Perrin	100.00	
	Mr. Henry Robertson	697.50	
	Mr. H. B. Rogers	7.50	
	Mr. Cilfford Smith	500.00	
	Dr. and Mrs. Stewart F. Taylor	7.50	
	Temple Emeth Brotherhood	500.00	
	Dr. Paul D. White	250.00	4,102.50
5555	Honorable Alvan T. Fuller Fund for Research u/d Dr. Paul D. White		100,000.00
5568	U.S. Public Health Service Fund for Study of Pulmonary Hypertension u/d Dr. Bland		14,387.35
5590	Mickles Fund for Cardiac Research u/d Dr. Bland Mr. and Mrs. John B. Mickles		1,500.00
5599	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		12,245.00
5600	Muscular Dystrophy Association Fund for Paperelectrophoretic Studies on Muscle Proteins u/d Dr. Gergely		3,874.99
5602	Massachusetts Heart Association Fund for Study of the Biochemistry of Heart Muscle u/d Dr. Gergely		3,762.50
	Carried forward		$1,352,512.35

	Brought forward		$1,352,512.35
5608	Life Insurance Medical Research Fund for Research on Biochemistry of Heart Muscle u/d Dr. Gergely		5,500.00
5610	Sundry Gifts for Research u/d Dr. Bland		
	In Memory of Dr. Francis G. Barnum, Sr.	$ 50.00	
	Dr. E. F. Bland and Associates	16,962.80	
	In Memory of Mrs. Edwin A. Boardman	181.00	
	Mrs. L. J. Brackett	25.00	
	In Memory of William and Elizabeth Cloney	5.00	
	Mr. Nathan Cohen	100.00	
	In Memory of Francis P. L. Cronin	25.00	
	Mrs. Mildred Daly	1.00	
	In Memory of Mrs. Sarah Dorman	5.00	
	Mrs. George S. Drake	25.00	
	In Memory of Mrs. William Dunbar	4.00	
	In Memory of Mr. Charles F. Edney	30.00	
	Mr. Charles A. Fish	25.00	
	Dr. Allan Friedlich	75.00	
	In Memory of Leslie D. Hawkridge	25.00	
	In Memory of Abraham Kaplan	2.00	
	In Memory of A. M. McVie	15.00	
	Miss Erimina Naimo	10.00	
	In Memory of Thomas M. Reilly and James F. Brady	10.00	
	In Memory of Rufus O. Ricker	5.00	
	In Memory of Mr. Seymour M. Rivitz	2.00	
	Mr. and Mrs. Albert J. Roberts	50.00	
	Mr. Jack M. Rorimer	100.00	
	In Memory of Florence Ansin Schwartz	38.00	
	In Memory of Miss Fanny M. Smith	570.00	
	Mrs. Jack Springer	25.00	
	In Memory of William V. Sreenan	75.00	
	In Memory of Mr. Abraham Stavis	5.00	
	In Memory of Mrs. Cornelia Willis	5.00	
	In Memory of Jacob Witt	2.00	
	Dr. W. Franklin Wood	10.00	18,462.80
5615	Sundry Gifts for Research u/d Dr. Sprague		
	Anonymous		2,968.75
5617	Allied Laboratories Fund for Salary of Technician on Protoveratrine Studies u/d Dr. Currens		1,650.00
5620	Eli Lilly and Company Fund for Research on Hypertension u/d Dr. Currens		2,900.00
5647	U.S. Public Health Service Fund for a Genetic Study of Rheumatic Fever u/d Dr. Cohen		3,194.00
5650	Stephen Salisbury Fund for Cardiac Research u/d Drs. Bland and Currens		
	Mr. Stephen S. FitzGerald		2,500.00
	Carried forward		$1,389,687.90

	Brought forward		$1,389,687.90
	MEDICAL SERVICE, GASTROINTESTINAL		
5680	U.S. Public Health Service Fund for Laboratory Expenses of Dr. Warbasse		500.00
5790	Sundry Gifts for Research in Digestive Diseases u/d Dr. Jones		
	Anonymous	$ 500.00	
	The Caplan Brothers	400.00	
	Mr. and Mrs. Hugh S. Ferguson	250.00	
	Mr. and Mrs. Donald F. Harding	300.00	
	Dr. Chester M. Jones	700.00	
	Mr. Walter H. Kilham, Jr.	200.00	
	Monroe Textiles, Inc.	1,000.00	
	Mr. Harlan K. Simonds, Jr.	100.00	3,450.00
5796	U.S. Public Health Service Fund for Studies of the Metabolic Activity of the Small Intestine during Normal and Abnormal Absorption		13,348.00
	MEDICAL SERVICE, INFECTIOUS DISEASE		
5825	Charles A. King Trust Fund for Research in Infectious Diseases u/d Dr. Swartz		10,000.00
	MEDICAL SERVICE, BACTERIOLOGY		
5923	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		6,760.62
5924	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms u/d Dr. Dienes		13,615.00
	NEUROLOGICAL SERVICE		
5970	Sundry Gifts for Research u/d Dr. Adams		
	Mr. Nehemiah Boynton, Jr.	$ 2.00	
	Mrs. F. L. Conway	1.00	
	In Memory of Martha Hamelburg	7.00	
	Mrs. George H. Swift	2,000.00	2,010.00
5972	National Multiple Sclerosis Society (Mass. Chapter) Fund for Research u/d Dr. Adams		5,700.00
5974	National Foundation for Infantile Paralysis Fund for Dr. Ravin's Laboratory Expense		1,250.00
6005	U.S. Public Health Service Fund for Comparison of Tuberculin Sensitivity in Vitro and in Vivo with the Use of Cell Suspension u/d Dr. Waksman		18,044.00
	Carried forward		$1,464,365.52

	Brought forward	$1,464,365.52
6026	Yale University Fund for Study of the Neurology of Instinctive Behavior u/d Dr. Adams	6,610.00
6030	Dr. Madelaine R. Brown Fund for Research u/d Dr. Adams	1,000.00
6052	U.S. Public Health Service Fund for Study of Sensory Stimulation of the Human Brain /d Dr. Brazier	9,669.46
6053	U.S. Public Health Service Fund for Study of Sensory Stimulation of the Human Brain u/d Dr. Brazier	20,231.00
6065	Schweppe Foundation Fund for Establishment of Pediatric Neurology Unit u/d Dr. Adams and Dodge	5,000.00
6155	U.S. Public Health Service Fund for Study of Copper Proteins in Normal and Diseased Brain u/d Drs. Adams, Folch-Pi and Porter	16,315.00
6161	U.S. Public Health Service Fund for Study of Pathogenesis of Neurological Diseases Caused by Chronic Alcoholism u/d Dr. Adams	14,492.00
6162	U.S. Public Health Service Fund for Study of Pathogenesis of Neurological Diseases Caused by Chronic Alcoholism u/d Drs. Adams and Ludwig	15,432.00
NEUROSURGICAL SERVICE		
6214	U.S. Public Health Service Fund for Studies on the Central Nervous System Using Isotopes u/d Dr. Sweet	500.00
6228	Atomic Energy Commission Fund for Study of Localization of Brain Tumors Using Positron Emitting Isotopes u/d Dr. Sweet	36,000.00
6247	U.S. Public Health Service Fund for Determination of Rate of Transfer of Water and Electrolytes in the Central Nervous System u/d Drs. Sweet and Brownell	3,881.00
6248	U.S. Public Health Service Fund for Determination of Rate of Transfer of Water and Electrolytes in the Central Nervous System u/d Drs. Sweet and Brownell	8,625.00
6260	Atomic Energy Commission Fund for Production of Intense Thermal Neutron Flexes by Particle Accelerators for Use in Neutron Capture Therapy u/d Dr. Sweet	11,000.00
	Carried forward	$1,613,120.98

	Brought forward			$1,613,120.98
6291	U.S. Public Health Service Fund for Study of the Application of Focused Ultrasound to Neurology u/d Dr. Ballantine			29,589.00
6330	Neurosurgical Research Fund u/d Dr. J. C. White			
	2 Anonymous Gifts			10,100.00
6352	U.S. Public Health Service Fund for Study of the Relief of Intractable Pain from Cancer by Stereotactic Methods u/d Dr. Sweet			7,454.00
6370	Atomic Energy Commission Fund for Research in the Treatment of Neoplasms u/d Dr Sweet			45,000.00
6408	U.S. Public Health Service Fund for Study of the Blood-Brain Barrier with Isotopes u/d Dr. J. C. White			5,239.87
6409	U.S. Public Health Service Fund for Study of the Blood-Brain Barrier with Isotopes u/d Dr. J. C. White			10,648.00
6430	Sundry Gifts for Research u/d Dr. William Sweet			
	Mrs. H. M. Ford	$ 1,000.00		
	Mr. and Mrs. Semon H. Stupakoff	6,887.50		7,887.50
6460	June Rockwell Levy Foundation Fund for Research u/d Dr. Sweet			18,750.00
	NURSING SERVICE			
6570	Sundry Gifts at the Disposal of the Principal of the School of Nursing			
	Mrs. Martha Saunders Ferguson	$ 300.00		
	M.G.H. Alumnae Group of Southern Calif.	31.00		331.00
6600	Sundry Gifts for Loans to Student Nurses In Memory of Miss Alice W. Haglund			25.00
	OCCUPATIONAL THERAPY			
6690	Ladies' Visiting Committee Fund for Salaries of Occupational Therapists			2,000.00
	ORTHOPEDIC SERVICE			
6740	Smith-Petersen Foundation Fund at the disposal of Dr. Aufranc			2,800.00
6745	Fracture Book Fund u/d Dr. Cave			
	Mr. Philip D. Armour	$ 150.00		
	Mrs. Nelson S. Bartlett	100.00		
	Mr. Alexander H. Bright	300.00		
	Mr. Horace O. Bright	100.00		
	Carried forward	$ 650.00		$1,752,945.35

	Brought forward		$ 650.00	$1,752,945.35
	Dr. Edwin F. Cave		1,000.00	
	Mr. and Mrs. Shanley F. Corcoran		100.00	
	Mrs. Stephen V. R. Crosby		50.00	
	Mr. William Drinkwater		100.00	
	Edmands Coffee Company		25.00	
	Mrs. Henry Endicott		10.00	
	Miss Marion B. Farnsworth		50.00	
	Mr. Henry S. Hall, Jr.		100.00	
	Miss Louise Hunnewell		75.00	
	Mr. Joseph Mass		100.00	
	Mrs. Hayward Sanders		25.00	
	Mrs. Francis P. Sears, Sr.		200.00	
	Mrs. William Seifert		500.00	
	Mrs. Sohier Shaw		5.00	
	Mrs. George A. Sheldon		50.00	
	Miss Marie F. Spang		25.00	
	Mrs. Nathan Tufts		10.00	
	Mrs. Ross Whistler		25.00	
	Messrs. W. A. and A. M. White		250.00	3,350.00
6760	Sundry Gifts for Foot Research Study of the Sling Operation u/d Dr. Joplin			
	Dr. Robert J. Joplin	$	6.50	
	Mrs. Charles H. Pettit		500.00	506.50
6770	Arthur Godfrey Foundation, Inc. Fund for a Fellowship in Orthopedic Surgery			
	Dr. Otto E. Aufranc			500.00
6900	Sundry Gifts at the Disposal of Dr. Barr			
	Dr. S. C. Allen	$	15.00	
	Miss Etta M. Hand		5.00	
	Dr. Joseph B. Stull		150.00	170.00
	PATHOLOGY DEPARTMENT			
6940	American Cancer Society Fund for Study of Quantitative Histochemical Investigation of Cirrhosis and of Primary Carcinoma of the Human Liver u/d Dr. Castleman			2,500.00
6960	Sundry Gifts at the Disposal of Dr. Castleman In Honor of the 50th Birthday of Dr. Castleman			198.00
6965	U.S. Public Health Service Fund for a Study of Histology of Endocrine Glands in Neoplastic Disease u/d Dr. Castleman			6,800.80
6966	U.S. Public Health Service Fund for a Study of Histology of Endocrine Glands in Neoplastic Disease u/d Dr. Castleman			14,348.00
6972	U.S. Public Health Service Fund for Study of Nature of Neutral Red Granule Formation and its Relationship to mitochondria and the Golgi Substance u/d Dr. Morgan			5,088.00
	Carried forward			$1,786,406.65

	Brought forward	$1,786,406.65
6981	U.S. Public Health Service Fund for a Study of Myasthenia Gravis u/d Dr. Castleman	4,906.80
6982	U.S Public Health Service Fund for a Study of Myasthenia Gravis u/d Dr. Castleman	10,033.00
7032	U.S. Public Health Service Fund for a Histochemical Study of Cells of the Testes u/d Dr. Castleman	3,516.00
7046	U.S. Public Health Service Fund for Study of the Ultrastructure of the Renal Glomerular Base Membrane u/d Dr. Castleman	14,678.00
	PEDIATRIC SERVICE	
7140	Sundry Gifts at the Disposal of the Chief of Service Dr. Leo B. Burgin	200.00
7230	Receipts from Laboratory Tests for Support of Children's Medical Laboratory u/d Dr. Butler Mr. Stanley A. Asinof	100.00
7234	Mead Johnson & Company Fund for Metabolic Studies u/d Dr. Talbot	3,600.00
7240	American Cyanamid Company Fund for Prepartal and Postpartal Studies of Some Organic and Inorganic Constituents u/d Dr. Butler	1,000.00
7250	Eli Lilly and Company Fund for Research on the Use of Insulin u/d Butler	11,437.50
7270	Sundry Gifts for Research u/d Dr. Butler Miss Susan F. Butler	10.00
7360	Sundry Gifts for Research on Pancreatic Fibrosis u/d Dr. Butler In Memory of Albert O. Wilson	272.00
	PHARMACY DEPARTMENT	
7420	Gilman Brothers Fund for Purchase of Certain Equipment for the Pharmacy	500.00
7475	U.S. Office of Vocational Rehabilitation Fund for the Traineeship of Dr. Sung Liao	11,458.34
	PHYSICAL THERAPY	
7490	U.S. Office of Vocational Rehabilitation Fund for the Traineeship of Dr. Cinquegrana	6,000.00
7500	Pope Foundation Fund for Research in Physical Therapy and Rehabilitation Drs. T. L. De Lorme and A. L. Watkins	111.57
	Carried forward	$1,854,229.86

	Brought forward	$1,854,229.86
PSYCHIATRIC SERVICE		
7535	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann	2,334.00
7536	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann	17,116.00
7541	U.S. Public Health Service Fund for Training Program in Preventive Psychiatry u/d Dr. Lindemann	11,550.00
7555	Grant Foundation Fund for Service and Research in Preventive Psychiatry u/d Dr. Lindemann	37,500.00
7556	Grant Foundation Fund for Service and Research in Preventive Psychiatry u/d Dr. Lindemann	21,360.00
7561	U.S. Public Health Service Fund for Grant-In-Aid for Dr. Brockman u/d Dr. Lindemann	500.00
7569	U.S. Public Health Service Fund for Grant-In-Aid for Dr. Hackett u/d Dr. Lindemann	500.00
7580	U.S. Public Health Service Fund for Training Grant for Social Workers in Community Mental Health u/d Dr. Lindemann	24,393.00
7601	U.S. Public Health Service Fund for Traineeship for Dr. Mendelson u/d Dr. Lindemann	500.00
7605	Sundry Gifts at the Disposal of Dr. Lindemann Dr. Stanley Cobb	12.10
7616	U.S. Public Health Service Fund for Measurement of Human Interaction u/d Dr. Saslow	17,500.00
7626	U.S. Public Health Service Fund for Study of the Emotional Factors in Children with Rheumatoid Arthritis u/d Dr. Blom	4,424.41
7627	U.S. Public Health Service Fund for Study of the Emotional Factors in Children with Rheumatoid Arthritis u/d Dr. Blom	26,576.00
7630	Sundry Gifts for Children in the Psychiatric Service Miss Marion B. Farnsworth	250.00
7636	U.S. Public Health Service Fund for Study of the Allergic and Emotional Factors in Asthma u/d Dr. Long	4,722.24
7660	Sundry Gifts and Receipts at the Disposal of Dr. Blom Miss Marion B. Farnsworth	200.00
	Carried forward	$2,022,667.61

	Brought forward		$2,022,667.61
7681	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Lindemann		21,321.00
7689	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Lindemann		18,183.18
7690	Mrs. Robert W. Lovett Memorial Fund for Research on Rheumatism and Arthritis New England Chapter of the Arthritis and Rheumatism Foundation, Inc.		3,500.00
	RADIOLOGY DEPARTMENT		
7750	American Cancer Society (Mass. Div.) Fund for Study of Heart and Pulmonary Vessels in Relation to Cancer of the Lung u/d Dr. Wyman		3,500.00
7760	Mallinckrodt Chemical Company Fund for Study of Miokon for IVP's u/d Dr. Potsaid		1,000.00
7815	Sundry Gifts at the Disposal of Dr. Robbins		
	Anonymous	$ 2,000.00	
	Dr. and Mrs. Henry H. Faxon	150.00	
	John W. McGrath Corporation	500.00	2,650.00
	RESEARCH COMMITTEE		
7895	Gustavus and Louise Pfeiffer Research Foundation Fund for the Creation of a Position of Associate Professor in Pharmacology u/d Dr. Hoagland		15,000.00
7967	William Scheide Trust Fund for Cancer Research u/d Dr. Hoagland		1,026.43
	SOCIAL SERVICE		
8021	American Cancer Society (Mass. Div.) Fund for Ancillary Relief for Patients with Cancer u/d Miss Barbour		2,500.00
8070	Committee of the Permanent Charity Fund for Social Service		1,500.00
8250	Ladies' Visiting Committee Fund for Social Service		300.00
8280	Jessie Gwendolen Morse Fund for Social Service		400.00
8400	Sundry Gifts for Christmas Gifts for Patients		
	Mary A. Crabtree Christmas Fund	$ 100.00	
	Miss Mabel Louise Riley	25.00	
	Rotary Club of Boston	100.00	225.00
	Carried forward		$2,093,773.22

	Brought forward			$2,093,773.22
8416	Godfrey M. Hyams Trust Fund for Study of Procedures Concerning Public Assistance Patients u/d Miss Barbour			
	Committee of the Permanent Charity Fund, Inc.		$ 3,300.00	
	Godfrey M. Hyams Trust		3,300.00	6,600.00
8460	Helen Snow Memorial Fund for Social Service			
	Mrs. Frances Wistar-Brown Conti		$ 3.00	
	Mr. J. Robert Morse		5.00	
	In Honor of Birthday of Mrs. Ruth Abrams			
	Mrs. Estelle M. Platin		5.00	
	Miss Doris E. Sawyer		10.00	
	Mrs. Paul A. Stephen		25.00	48.00
SURGICAL SERVICE				
8550	Weld Surgical Instrument Fund for the Purchase and Maintenance of Surgical Instruments for the General Operating Room			
	Anonymous			5,000.00
8580	William S. Eaton Fund for Special Research u/d Dr. Weille			
	The Eaton Foundation, Inc.		$ 5,000.00	
	Miss Amelia Peabody		11,250.00	16,250.00
8585	U.S. Public Health Service Fund for Study of the Metabolic Pathway of Amino Acids in Protein Metabolism of Normal and Neoplastic tissue u/d Dr. Nardi			7,453.00
8591	Massachusetts Heart Association Fund for Study of Measurement of Liver Blood Flow by Means of a Radioactive Colloid u/d Dr. Nardi			3,340.00
8602	Massachusetts Heart Association Fund for Measurement of Changes in Liver Blood Flow During Stress in Laboratory Animals and Man u/d Dr. McDermott			5,175.00
8642	U.S. Public Health Service Fund for Study of the Metabolism of Ammonia in Liver Disturbances u/d Dr. McDermott			5,975.50
8643	U.S. Public Health Service Fund for Study of the Metabolism of Ammonia in Liver Disturbance u/d Dr. McDermott			7,106.00
8685	U.S. Public Health Service Fund for Visualization of the Pancreas u/d Dr. Nardi			10,062.00
8711	Charles A. King Trust Fund for Research in Surgical Biology u/d Dr. Richardson			1,700.00
	Carried forward			$2,162,482.72

	Brought forward		$2,162,482.72
8750	Sundry Gifts at the Disposal of Dr. Arthur W. Allen		
	Mr. Byron T. Atwood		1,000.00
8781	American Heart Association Fund for Study of the Grafting of Valve-Containing Veins into Veins u/d Dr. Shaw		2,756.25
8790	Sundry Gifts for Peripheral Vascular Research u/d Dr. Linton		
	Dr. Ralph E. Bicknell	$ 200.00	
	In Memory of Harry Goorno	133.75	
	In Memory of Saul Goorno	4.00	
	Dr. Robert R. Linton	2,500.00	
	Dr. Harvey Spencer	200.00	
	Dr. William H. Weidman	100.00	3,137.75
8801	U.S. Public Health Service Fund for Research on the Surgical Treatment of Peripheral Arteriosclerosis u/d Dr. Linton		12,297.58
8820	Sundry Gifts at the Disposal of Dr. Oliver Cope		
	Chain Letter Contributor	$ 2.00	
	Dr. R. Wenner Machamer	200.00	
	Mr. William S. Youngman, Jr.	200.00	402.00
8850	Sundry Gifts at the Disposal of Dr. Churchill		
	Mr. Herman Lippman	$ 10.00	
	Mr. James Welansky	200.00	210.00
	UROLOGY SERVICE		
8921	U.S. Public Health Service Fund for a Study of Kidney Function after Obstruction u/d Dr. Kerr		6,522.00
8980	Sundry Gifts at the Disposal of Dr. Leadbetter		
	In Memory of Mrs. Ida Anderson	$ 7,500.00	
	Mr. Arthur F. Brown	100.00	
	In Memory of Mrs. Elizabeth Droitcour	2,000.00	9,600.00

McLEAN HOSPITAL FUNDS

	Current Expense Fund		
	The Mary Dexter Fund, Inc.	$ 50.00	
	Charles E. Dockser Charitable Foundation	500.00	
	Mrs. Dorothy A. Oates	40.00	
	Miss Mollie Silverman	15.00	605.00
	Godfrey M. Hyams Trust Fund for Alterations to McLean Research Laboratory		17,000.00
100	Sundry Gifts at the Disposal of the Director		
	Mr. Charles E. DiPesa		500.00
	Carried forward		$2,216,513.30

	Brought forward	$2,216,513.30
150	Frank Attwill Newlin Fund for the Purchase of Table Delicacies for the Patients Bequest of Frank Attwill Newlin	4,510.00
170	The Steinert Fund at the Disposal of Dr. Howard Gift of Mrs. and Mrs. Alan Steinert	230.00
190	Wilson & Company Fund at the Disposal of Dr. Altschule Mr. Harry Kotker	10.00
213	American Cancer Society, Inc. Fund for Study of Brain Strandin u/d Dr. Folch	1,500.00
214	American Cancer Society, Inc. Fund for Study of Brain Strandin u/d Dr. Folch	2,098.75
304	U.S. Public Health Service Fund for Study of Brain Proteins and Lipoproteins u/d Dr. Folch	6,340.00
306	U.S. Public Health Service Fund for Study of Brain Proteins and Lipoproteins u/d Dr. Folch	13,481.73
352	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Dr. Folch	5,751.00
354	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Dr. Folch	7,981.00
381	U.S. Public Health Service Fund for Quantitative Histochemical and Cyto- chemical Study of the Brain u/d Dr. Folch	5,500.00
383	U.S. Public Health Service Fund for Quantitative Histochemical and Cyto- chemical Study of the Brain u/d Dr. Pope	9,230.00
400	U.S. Public Health Service Fund for Mental Health Graduate Training Grant u/d Dr. Stanton	38,293.00
	TOTAL INCOME FUNDS	$2,312,439.77

TOTAL PRINCIPAL FUNDS	$1,304,590.68	
TOTAL INCOME FUNDS	2,312,439.77	$3,617,030.45

HENRY R. GUILD
Treasurer

ONE HUNDRED AND THIRTY-NINTH

ANNUAL REPORT

OF THE

McLEAN HOSPITAL

A DIVISION OF THE

MASSACHUSETTS GENERAL HOSPITAL

1956

WAVERLEY

MASSACHUSETTS

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Vice-President
Francis C. Gray

Treasurer
Henry R. Guild

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1947 John E. Lawrence, 60 Batterymarch Street
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1953 *Arthur W. Allen, M.D., 266 Beacon Street
1955 Philip H. Theopold, 294 Washington Street

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Assistant Treasurer

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45 Milk Street

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Alfred H. Stanton, M.D.

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*Beginning July 1, 1957

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Research Fellow in Neuropathology
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Assistant Sociologist
Anne Parsons, PH.D.

Beginning July 1, 1957

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John L. Wentworth, R.N.

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Assistant Supervisor of Occupational Therapy
Constance Doliber, O.T.R.

Music Director
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Thomas A. Crapo, R.N.

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Assistant Supervisor in Recreational Therapy
Angus MacDonald

Dietitian and Instructor in Nutrition
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Seamstress
Cretie Harris

Chauffeur
Albert L. Wilderr

W. Franklin Wood, M.D.

Director Emeritus

ON July 1, 1956 Dr. W. Franklin Wood retired after 24 years as the Director of McLean Hospital, going on to a position as consultant to the Department of Mental Health of the Commonwealth of Massachusetts.

During Dr. Wood's tenure, the practice of hospital psychiatry was featured by constant change; the financial basis of the private psychiatric hospital was severely tested, psychiatric research developed with entirely new perspectives and disciplines, and the teaching of psychiatry in medical schools, in hospitals, and in nurses' training came to occupy a new position. The hospital maintained and developed its leadership in the new areas rather than being threatened by them. Each of these occurred at McLean under Dr. Wood's leadership, and were supported by his great experience in general and psychiatric hospital administration.

In addition to his position as Director of McLean Hospital, Dr. Wood was well known as President and Secretary of the Massachusetts Hospital Association, President and Secretary of the New England Hospital Assembly, Regent of the American College of Hospital Administrators, President of the New England Superintendents Club, and he was also well known as a member of the American Medical Association, New England Psychiatric Association, Massachusetts Medical Society, Massachusetts Psychiatric Association and Diplomate of the American Board of Psychiatry and Neurology.

The hospital's leadership was exemplified by Dr. Wood in his activities in hospital administrative circles; he has occupied such positions as: Assistant Director of the Massachusetts General Hospital, Assistant Superintendent and Acting Superintendent at Danvers State Hospital, Assistant to the Commissioner in the Massachusetts Department of Mental Health, Chief Executive Officer of the Boston Psychopathic Hospital, Assistant Superintendent of the Monson State Hospital, and Assistant Superintendent of the Massachusetts Memorial Hospitals. He is a graduate of New York Medical College and Flower Hospital, New York, and Tufts University Medical School.

Active in the Boston Rotary Club (a Past-President), in banking, in town government, and in other community concerns, Dr. Wood with his family found time constantly to be friendly and personal with all his associates. He is remembered both as a leader and as a friend by those who worked with him.

ALFRED H. STANTON, M.D.
Psychiatrist in Chief

Report of the Psychiatrist in Chief

To the Trustees of the Massachusetts General Hospital, I respectfully submit my report for 1956.

THE past year has been an energetic one occasioned by a considerable increase in the clinical and teaching activities of the McLean staff and by plans for expansion of research activities. Operating on an expanded scale, particularly in the face of a considerable deficit, has required changes in the supporting administrative structure of the hospital, as well as in the detailed practices of each department. We have tried, furthermore, to coordinate the McLean Hospital practices with those of the General Hospital, and to work more closely both with the clinical and with the administrative staff of the General Hospital.

Strengthening of Patient Services

Most prominent among additional services is the considerably increased and more systematic provision of psychotherapy. Besides more individual psychotherapy, group psychotherapy has had its actual inception at McLean. The effect has been considerable and gratifying, but the expanded program has brought with it many problems, some of them still unsolved. Psychotherapy requires an enormous amount of time by usual medical standards; one patient's treatment will often require 100 or 200 full hours of a psychiatrist's time. Clearly such scheduling means careful planning, much of it without previous applicable experience to serve as a guide. The hospital has tried to meet this demand by increasing its psychiatric staff, and by adding a new category of attending psychiatrists. The latter group sees patients in psychotherapy either for the hospital on an hourly basis or treats its own patients at the hospital in collaboration with the full-time hospital staff. The regular psychiatric staff was increased from 9 to 18 during the year. The new staff members fitted in easily and effectively with the rest of the hospital, and we owe them much for their effectiveness in a period of rapid transition.

An appreciable increase in patient services has been arranged also through the organization of the patients themselves, largely upon their own initiative. Twenty-six patient jobs have been outlined by a working group of staff and patients, many of which are regularly and satisfactorily filled now by patients.

The newest clinical service is the Department of Social Service organized during the past year, with positions for four workers under the direction of Miss Golda M. Edinburg. Recent years have made doubly

clear both the crucial role of the families in the whole process of rehabilitation of psychiatric patients, and the willingness and ability of these families to contribute more to the hospital's therapeutic effort. The social worker is likely to play a quite central role in helping work out the ways in which they take part; much of what families do is hard to describe because the needs are so varied from family to family. The social worker provides trained professional competence in avoiding the alienation of the hospital from the family and from the rest of the community. Her position is probably as important in a private hospital as in a public one although the task is somewhat different.

Expansion of Educational Activities

Already an actively educational hospital, the strengthening of clinical services has brought with it an increased educational activity. The number of resident psychiatrists in training rose from two to six, and a part-time clinical fellow was also added. Next year the number of residents will further be increased to ten. The new residents made possible the greatly increased amount of psychotherapy, and more prompt and detailed study of newly admitted patients. This July will see the inauguration of fourth-year residency training programs in the new fields of community psychiatry and of administrative psychiatry. These are each of them promising and currently undeveloped areas of psychiatry requiring special experience and training in the social sciences for their most effective growth.

The residency training program could not have succeeded without the thorough support of the supervising psychiatrists of long experience who are new to the hospital staff - - Drs. Morris H. Adler, Edward Daniels, William Murphy, Samuel Silverman, and Henry Wermer, and, in particular, Dr. Merton Kahne who was the prime mover in the organization of the program .

The clinical clerkships of the Harvard Medical students, in association with the Beth Israel Hospital, continue. The students' program has been completely reorganized, service responsibilities lightened, and education opportunities coincidentally expanded.

The new Department of Social Service undertook affiliate educational responsibilities with Boston University School of Social Work and with the Simmons College School of Social Work for their second-year students in the psychiatric sequence.

Another new development is the institution of a Department of Social Science in recognition of the importance of group phenomena in the hospital treatment of psychiatric patients. Dr. Anne Parsons, a social anthropologist, has spent the year at McLean and has taken part in the

educational program as well as carried out studies in the social psychology of certain treatment procedures and certain symptoms. A second appointment, of Dr. Robert N. Rapoport, a social anthropologist with considerable experience in research on the psychiatric hospital, has been made jointly with the Department of Social Relations at Harvard as a part of a new program of training social scientists in psychiatric problems.

The School of Nursing is considerably the largest of the hospital's educational efforts. This year a new program for the training of nurse visitors from other countries was inaugurated upon the suggestion of the American Nurses Association. The School of Nursing carries on, besides this, regular teaching and training for six different groups of students. These programs include (1) its own course of training leading in three years to a diploma in general nursing; affiliate training in psychiatry for students from (2) the General Hospital's three-year diploma program, (3) the Boston Children's Hospital's three-year diploma program, (4) students from the Simmons College School of Nursing, (5) students from the School of Nursing at the University of Massachusetts, and (6) from the combined Radcliffe College-Massachusetts General Hospital program. Last year a total of 272 nursing students came to McLean in one or another of the categories.

Further Development of Research

A large grant from the Ford Foundation to Drs. Folch-pi and Pope to support a program of research over a period of years was the outstanding event of the year in the hospital's research program; plans for enlarging the biochemical laboratory to permit the implementation of this and subsequent programs are well under way. The year also saw a continuation of the hospital's regular research program in clinical physiology and the publication of the first research report in sociology from the hospital.

Administration Aspects

Extensive reorganization always requires much administrative labor and ingenuity. The year has asked much from the administrative staff, and has received much. Not only were new programs started and old ones expanded, but this expansion was made in the face of a considerable deficit. The continually mounting costs of patient care is a particularly urgent problem in psychiatry where, more and more, successful treatment demands additional time with patients on the part of personnel. As salaries and wages rise steadily, so do hospital costs. The private hospital, in contrast to the public hospital, receives little assistance from any source except from the overburdened relatives of patients. No ap-

preciable public support, insurance benefits, or community fund contributions are forthcoming for its patient care program. This problem has been dealt with by a combination of efforts. Economy of the strictest sort on all but patient care expenses has been practiced, and should become more effective with an entirely reorganized system of accounting which was instituted during the year. A new personnel department, under Miss Vera Kilstein, and other less prominent but vital changes have permitted a considerable gain in efficiency and should permit more.

Increased bed occupancy has occurred and should increase still further as the last unopened ward is brought into service as a new admission ward. These and other changes have been substantially aided by the extremely timely institutional grant of the Ford Foundation. A sizable grant from the National Institute of Mental Health for the training of residents has played a crucial if indirect role in permitting the expansion of services and training activities in the face of the hospital deficit.

In spite of these aids, it was nevertheless necessary to increase the rates to help meet the increased costs, costs which preceded the expansion of the hospital's services.

More Personal

The year has seen change in personnel other than the additions to the staff. The most important was the retirement of Dr. Franklin Wood as Director after twenty-four years of service, on July 1, 1956. Fortunately his services remain partly available to the hospital in his new position of Director Emeritus, as his new duties do not entirely take him away from some patient care at McLean. He left behind a core staff in administration which has been a continuing tangible expression of his interest and ability. In particular, the initiative, industry, and skill of Mr. Joseph T. Prekup have been a major element in whatever success the year has brought.

The addition of Dr. Erich Lindemann to the regular staff at McLean has not only brought the hospital the benefit of his counsel, but has been a first important step in strengthening the working coordination of the McLean program and that of the Department of Psychiatry at the General Hospital. Drs. Dean A. Clark and Ellsworth T. Neumann have become regular advisors; the great help the hospital has received from their steady and skillful support is inconspicuously woven into all the advances of the year. The steady and wise support of the Board of Trustees, in particular of Messrs. Lowell and Lawrence and Monsignor Barry of the McLean Committee, contributed heavily to making a transition with a minimum of administrative problems. The interest and

support of the Hospital program by the personnel of the Hospital has been continuous, and I am pleased at this opportunity to express my deep appreciation for it.

Respectfully submitted,

ALFRED H. STANTON, M. D.
Psychiatrist in Chief

McLean Hospital

STATISTICS FOR FISCAL YEAR ENDED SEPTEMBER 30, 1956

			1956	1955
Patients in Hospital First of October			227	194
Patients on Visit			9	4
			236	198
Average Patients per Day			226	208
Patients Admitted during 12 Months			254	309
Patients Discharged during 12 Months			245	271
Diagnoses on Discharge:				
Chronic Brain Disorders:		*21*		
Disorders of Late Life	18			
Other Types	3			
Acute Brain Disorders:		*12*		
Alcohol Intoxication	4			
Drug Intoxication or Poisoning	3			
Other Types	5			
Affective Reactions:		*53*		
Manic-Depressive Reaction, Manic Type	22			
Manic-Depressive Reaction, Depressive Type	19			
Manic-Depressive Reaction, Mixed	2			
Psychotic Depressive Reaction	3			
Involutional Reactions	7			
Schizophrenic Reactions:		*69*		
Acute Undifferentiated	9			
Schizo-affective	18			
Hebephrenic Type	2			
Catatonic	10			
Paranoid	23			
Chronic Undifferentiated	7			
Psychophysiologic Disorders:		*2*		
Psychoneurotic Disorders:		*57*		
Depressive Reaction	40			
Other	17			
Personality Disorders:		*24*		
Alcoholism	15			
Other	9			
Transient Situational Personality Disorders:		*6*		
Diagnosis Deferred:		*1*		
Conditions on Discharge:				
Recovered		17		26
Much Improved		15		13
Improved		143		142
Not Improved		39		26
Deceased		17		20
Patients without psychosis		14		44

Report of the Clinical Service for 1956

A REPORT of the activities of the clinical service at McLean Hospital will be made in regard to many specific happenings, but a broader social picture would require long-term study of the effect of staff changes during 1956 and is beyond the scope of this description. It would, however, be amiss to leave unmentioned the general effects of change of staff from the atmosphere of a small, intimate, and unified one working through personal decision, to an expanding and more diversified staff correlating its actions by the extensive use of committees. There has been this year more widespread expression of opinion, delegation of activity, and diversification of initiative, but lines of authority have been kept. It is apparent that it has been possible to continue staff attitudes of considerateness and friendliness to patients through the many "clinical administrators" running small areas. At the same time more specialized attention to individual clinical needs can be given through the local administrator's more concentrated attention, through increase in psychotherapy, through establishment of social service, and the continued evolution of several patient groups. The effects of these changes will eventually be studied.

The therapeutic program for the care of the patients has been much strengthened in 1956 in the most important area of scheduled psychotherapy, so that by the end of the year 186 hours a week were offered 58 patients. This is the treatment which offers many patients the main hope of significant psychic changes. Scheduling of treatment without allowing interruptions became more respected. Of help was the appointment of part-time psychiatrists to do therapy. (For the first time physicians who were not full time were appointed.) At the end of the year they were doing 64 hours a week of scheduled psychotherapy, while 54 hours were done by full-time staff and 68 hours by residents. It is expected that this program may grow considerably, but physicians are pressed for time and great amounts of time are required. The hospital began to charge fees for this work; in the past it was free. Such work also enriches the residency and teaching programs. Scheduled psychotherapy is started after a period of study following admission, is mostly for those patients planning longer stay, and is not yet available for brief admissions. New patients are given general psychotherapy appropriate to their varying needs following admission by the residents and clinical administrators.

The division of the psychiatrists for each patient into psychotherapist and clinical administrator was initiated. This division frees the psychotherapeutic work from "distractions" and brings in the several

advantages of a clinical administrator. The latter collaborates with families, plans various treatments, makes "practical" decisions, works with personnel, and is in general charge of all the patients on one ward. There are occasional disadvantages in having two physicians, especially for patients with brief contact, but the system is widely used in hospitals with requisite staff available.

The use of most physiological treatments diminished during the year. In the first three months 7 patients were given insulin and 16 patients were given electric shock, whereas during the last three months no patients had insulin and 12 patients had electric shock. However the use of drugs rose considerably, especially meprobamate. At the end of the year approximately 109 patients were receiving "tranquilizing" drugs. One major operation and 23 minor operations were performed. Seven hundred seventy-one x-rays were taken on patients. The activity and usefulness of the pharmacy is indicated by 21,487 prescriptions filled. Methods of handling drugs were revised. The quality of medical nursing care was excellent, and frequently life-saving to the aged.

Medical treatment is discussed elsewhere in a report from that department, and provided the good care necessary for psychiatric patients. There were 17 deaths, caused in all cases by diseases of age, such as heart disease, cancer, or terminal infections. Autopsy rate was 59 per cent. Lives of the aged were not only prolonged but also were made happier.

The dental department added more modern equipment and furnishings and improved not only the evaluation and care of new admissions, but also the recall of long-term patients. Dental surgery was done in the operating room. The addition of a dental hygienist has freed the dentist for other work and improved the general care.

About 42 per cent of the patients at our hospital are more than 65 years of age. Of these 103 aged patients now here only 51 are suffering from chronic brain disease associated with senility and cerebral arteriosclerosis, although the average age of these patients is 79. Fifty per cent of the patients in this group have been here for more than 5 years, 44 per cent from 1 to 5 years, and 8 per cent have been here less than a year.

Another perspective on the patients at McLean is seen by examining the length of stay for those patients who were discharged during 1956.

DURATION OF STAY
For Patients Discharged During 1956

Length of Hospital Stay	Per cent of Total Number of Patients Discharged	Cumulative Total Per cent
Less than 1 Month	38%	
1-2 Months	22	60%
2-3 Months	11	71
3-6 Months	11	82
6 Months to 1 Year	7	89
1 to 5 Years	8	97
More than 5 Years	3	100

This study shows roughly how many come here for a short period of time with acute illness, and how many stay for longer periods of time because of chronic illness. Each category would require rather different methods of treatment. The accompanying table indicates that most of our patients stay less than two months.

The diagnoses of the 245 patients discharged in 1956 were: Acute brain disorders, 12; chronic brain disorders, 21; psychotic disorders, depressive, 53; schizophrenic reactions, 69; psychophysiologic disorders, 2; psychoneurotic disorders, 57; personality disorders, 24; situational personality disorders, 6; and diagnoses deferred, 1.

The Residency Training Program was increased. The McLean Residency Training is approved for two years by the American Medical Association, and the American Board of Psychiatry and Neurology. There will be an expanding mutuality of training with the Psychiatric Department of the Massachusetts General Hospital. At present the McLean joins in some conferences and Out-Patient Department work there, and each department continues the training of residents starting at the other hospital. The Resident Training consists of hospital work, a system of academic and case conferences, and seminars. Individual supervision in scheduled psychotherapy of one to two cases has been started. There is experience in clinical administration, and group psychothearapy has been supervised. There is training in psysiological therapies. The diagnostic study and general psychotherapy of about one new case per week is done by each resident. Supervision of residents and Harvard Medical students was done by D. Merton J. Kahne. Training for Harvard Medical seniors was elaborated, made more specific, and

they were given more didactic contacts. Although working less with the study of new patients, they have now a broader and more organized picture of hospital psychiatry.

The clinical service suffered a loss when the Director, Dr. W. Franklin Wood, retired from active duty in the spring. As an administrator he saw the close relationship in psychiatry of administration to the clinical service and always maintained an interest in the welfare of the patients. He was interested in many aspects of clinical care, and daily followed the doings of staff and patients. He supported the concept of a friendly, personally considerate hospital which should give a high quality of psychiatric service. His presence was felt throughout the hospital in the clinical care of the patients.

Additions to the clinical staff included Robert S. Adams, M.D., Morris H. Adler, M.D.; Mignon C. Chasen, M.D.; Jacob Christ, M.D.; Herbert S. Cline, M.D.; Edward M. Daniels, M.D.; Merton J. Kahne, M.D.; Charles Magraw, M.D.; William F. Murphy, M.D.; Samuel Silverman, M.D.; Harold D. Stalvey, M.D.; Maurice Vanderpol, M. D.; Henry Wermer, M. D.; and Edward S. Zarsky, M. D. New residents were Martin R. Coles, M.D.; John H. Dwyer, M.D.; Edna M. Kahana, M.D.; Ruth M. Murphy, M.D.; Alan A. Stone, M.D.; Stephen L. Washburn, M.D.

The Medical Records Committee has reorganized the structure of the psychiatric record, and changed systems of filing toward goals of greater accessibility, more information, and also research availability.

The psychiatrist is helped in his program of treatments by various contributory services which will now be considered. (The patient himself is, of course, the chief assistant.)

A Social Service Department was initiated and since it is making a separate report on its activities this department will but briefly be noted as greatly helping with family problems, discharge opportunities, teaching, and in the growing work program. The question as to the value of social service in the private psychiatric hospital has already been answered positively and affirmatively.

The establishment of an Admissions Office, which specially handles the problems of patient admission, has helped in this time-consuming and complicated situation. Under the supervision of Dr. Willis H. Bower, and with selected personnel, it has been possible to consolidate more efficiently and with better feeling what had been handled by many people.

The efforts of the Occupational Therapy Department were very valuable, and not easier because of the reduced staff. Each patient is

handled individually, and the department made some interesting reports of work attitudes, and continued its collaboration with physicians. Despite the detailed interest required, the department supervised 284 patients in some twenty thousand sessions. Copper enameling was a popular innovation. One hundred nurses were given a course of practical and theoretical instruction. The department also gave its time in response to requests initiated by the Patient Activites Association.

There was a marked increased in the use of the library during the year, though book circulation remained about the same. The patients' library attracted a wider range of social activities, and was a meeting place for many people. It became very valuable as an area where informal social relationships would develop. The patient organizations chose it as a meeting place, and it continued the traditional weekly teas, the latter now being open to relatives and friends. A book selection committee, consisting of seven patients and one physician, gave the patients a vital part in book selection. The Drama group met here, as well as the Novel Discussion group. The McLean Gazette was actively revived. But constant informal activity was the major part of the library day. The fact that patients assisted in the actual work of the library helped greatly. A medical library book selection committee has purchased a few books each month, but it is hoped that the medical library can soon be considerably expanded, and possibly moved to larger quarters.

The Recreational Therapy Department showed particular skill in collaboration with the patients' social organizations. Members attended over 250 of these patient meetings participating with a willing and non-authoritative manner and contributing to the high morale. This department has constituted the main working liaison of the staff and the patients' social organizations. In addition it was very busy with other duties. The supervision of patients in thirty types of games which are available, the sponsorship of hospital outdoor events, and training of nurses were all regular responsibilities; in addition it carried Women's Physiotherapy part of the year.

Physiotherapy continued to be used for specific physical ailments in 1000 treatments, and (especially on the Men's side) was enjoyed for general benefit in 2500 treatments. Continuous tubs and wet packs are now rarely used.

Musical activities under that department included individual instruction in piano and voice, group sings, three organ recitals, formal concerts, informal concerts, music study club, chapel music, and choral group. These activities reached a wide audience and, more importantly, allowed a healthy degree of musical participation.

Religious services continued to be held in the Chapel, both Catholic and Protestant services. Reverend William Spofford succeeded Reverend Robert Burns as Hospital Chaplin.

The writer wishes to submit this report respectfully to the Trustees, and especially the McLean Committee who have been so interested in and helpful to this hospital.

Respectfully submitted,

PAUL M. HOWARD, M. D.
Associate Psychiatrist in Chief

Voluntary Patient Organization

THE voluntary patient organizations which have been evolving at McLean over the past three years have continued healthy growth during 1956. These groups are powered not by medical prescription or the automation of appointments, but by the spontaneous voluntary interests of the people involved interacting with group structure. They are oriented towards the creation of social and cultural events, discussion of the hospital milieu, and provision of job opportunities for patients. They aim at the provision of a living structure of personal relationships beyond family visits and being "treated".

There are five different directions of evolution of the patient organizations. The first is informal, is rarely credited or mentioned as of any value, and has flourished many years. It is the freedom and practice of individual acquaintance, friendship, and gathering, not only with other patients, but also with staff. Rules and hospital structure invisibly make this easy or difficult, but it would seem favored here by several factors: The generous space of the hospital, the hall groupings of 12 to 15 patients, the living together of patients with similar degrees of illness, the permission of patients to organize voluntarily, the ability of each patient to visit other wards than his own (started this year), and provision of areas for informal mixing such as coffee shop and the library.

The Patient Activities Association or PAA is the second direction of evolution growing out of desire of patients to "carry out activities sponsored by themselves". This led to their "Plan of Organization" in 1954, so that since then, with minimal staff liaison, the patients have at their own initiative constituted practically a hospital department. Twice weekly, executive meetings of 25 ward representatives during 1956 have thought up and done all the arranging for a continual stream of social and cultural events such as large and small dances, lectures, music and art courses, bus trips, movies, book study, music and dramatic productions, garden club and flower show, bird and tree walks, instruction classes in language, shorthand, modern dance, tree planting, group games, Country Fair, and charitable efforts. It joined the hospital Red Feather Drive and solicited $283. from the patients. It sponsored patients visiting older patients, as a Visiting Committee, and began to invite relatives and friends to hospital functions. It manages a $500 budget raised by small contributions only. A program is issued each week, there are usually several committees working, and the whole effect is carried out with such good judgment that there has not only been internally high morale but externally hardly a single complaint

from the hospital or anyone outside. Patients of all degrees of illness, age, and of both sexes meet together. What is done, or whether anything is done at all, is left entirely to the patients' spontaneous judgment

The third direction of evolution of patient social activities arose when it appeared that patients were capable of being very active and responsible in the production of social and cultural events, and yet had no organization to speak their mind about their own treatment and living conditions at the hospital. It seemed unlikely that patients could "govern" the hospital, hence a conference was started for discussion and development of opinion, but without executive power. To provide a realistic basis for opinion-making the members were half of them employees and half patients. It was called the Patient Personnel Conference or PPC. Seven patients met with psychiatrist, social service worker, attendant, head nurses, supervisory nurses, department head, and recreational worker, each with six-weeks terms. The small group allowed reasonable discussion, but there were usually many visitors, and topics taken up in weekly meetings were countless: Food, methods of patient admission, lighting, privileges, attitudes of employees and patients, "privileges of patients, hospital budget and maintenance programs, possibilities for patients to work, religious services — these would be typical. All levels of employees and patients have become more alert to each others attitudes and problems; there is a feeling of freedom of opinion, and critical attitudes are tempered through the practical responses of other people. The atmosphere is very lively and friendly; more mutual understanding than new opinion is produced. It is interesting that between patients and staff that the former takes more initiative.

A fourth direction of evolution of patient social grouping was the self-initiation of meetings of the patients on the several halls or wards, following exploration of this possibility by the PPC. These hall meetings have met sporadically since 1955 and have brought about local changes in living conditions and social atmosphere. They have been joined or led sometimes by nurses, with occasional physician interest. The many suggestions made at all meetings are reported to the Patient Personnel Conference for more general circulation to other halls. There is an evening entertainment committee interested in the halls.

The fifth direction of patient social change evolved through the Patient Work Committee, the creation of jobs for patients. This started as a sub-committee of the Patient Personnel Conference exploring opportunities for patient employment, but became an independent committee. The Work Committee obtained the assistance of department heads who during the year created 40 jobs which have been filled voluntarily (part-time) by 23 patients. This is realistic work obtained on

job application from a posted list of jobs. Examples are: Storeroom helper, typist, receptionist, library assistant, teacher. References from doctors and nurses as to capability must be obtained and work standards must be maintained; a patient may resign, or after conference may be dismissed. Social service recently has undertaken the personnel office aspects of the work, which had been done by patients, and the Work Committee directs policy and is exploring further development of the program in weekly meetings. It is unknown how far patients will take up work, but those who have done so have benefited.

In appraisal of these developments in social organization it is notable that while voluntarily participating in these group structures, patients never show "disturbed" behavior, and are friendly, casual, and responsible.

The voluntary patient organizations appreciate the special opportunity at McLean permitting them to grow naturally and to explore interesting and useful activities of their own design.

Respectfully submitted,

PAUL M. HOWARD, M.D.
Associate Psychiatrist in Chief

Annual Report of the Assistant Director

THE past year has been interesting and extremely busy. The expansion of the clinical program has necessitated numerous administrative changes. In a period of increased deficit spending by the hospital, an inflationary economy and expansion of the hospital facilities the cash system of bookkeeping seemed inadequate and an accrual sysstem of accounting was implemented in October of this year. This procedure met general acceptance and is now in its sixth period of operation. All accounts payable are now being processed by IBM equipment at the General Hospital. Further plans include machine posting of all accounts receivable. It is expected that a formal budget of operations will be ready for presentation for the next fiscal year.

A Rates Study Committee was organized to process requests for rate reductions. This Committee functions as a recommending body to the Psychiatrist in Chief and has been highly successful. Some consideration should be given to the formalization of determining the amount of free service the hospital can provide annually. The amount of free service given in 1956 was $183,000.

To offset the rate of deficit spending, a $5.00 per diem rate increase was authorized by the Board of Trustees effective June 1, 1956. Through utilization of existing space, additional clinical beds were added, increasing our capacity from 232 to 263 beds. The formalization of a program of scheduled psychotherapy should produce additional funds to permit further expansion of the psychotherapy program.

New and larger quarters for the Medical Records Department were created and the entire department is now equipped with modern facilities. A telephone dictating system was installed and electric typewriters purchased. A Medical Records Committee was organized and has been active for several months.

Other requirements for offices were heavy. Twenty-four new offices were added and furnished, without loss of beds, for the Medical Staff, Social Service Department, Admissions Office, Nursing Service and Nursing Education. Further space requirements will be necessary for the unit receiving and caring for patients' personal effects, the Pharmacy and Central Storeroom. Evaluation of these requirements suggests that present unused basement space can be renovated and made functionally acceptable with minimal capital expenditure.

The Purchasing and Dietary Departments were significantly affected by the accounting changes mentioned. Early in the year all purchasing and receiving of merchandise was centralized, and a new purchase order system was put into effect. Currently, perpetual inventory systems are

in process for all expendable items. A standard requisitioning procedure is also presently being formulated.

In October a central dining area for all personnel became a reality. The Main Cafeteria, according to our original planning, is now capable of feeding all personnel. It is expected that future expansion may be required. The ticket system of paying for meals has been replaced on a "pay cafeteria" basis. As a result of this change, a selective menu is now offered, along with a morning coffee-break to alleviate the morning congestion in the Coffee Shop.

The continual striving for improvement of food service to the wards has resulted in the experimentation of electrically-heated food carts which appear to be satisfactory. The Main Kitchen and Bakery area is fairly well equipped, with the exception of the Bake Shop in which a new oven must be installed soon. The Bakery is in need of proof boxes and other minor equipment. The present pot washing facilities are obsolete and outmoded and also will have to be replaced. The maintenance of the kitchen proper becomes increasingly difficult. It is expected that funds will soon become available for tiling the walls. The Coffee Shop remains a center of activity for both patients and personnel. Plans are being made for the Coffee Shop to carry many items which are now available to patients soley by requisition.

The Housekeeping Department continues to function with an inadequate number of personnel. This shortage is due in part to the illness or retirement of several long-term employees. Their replacement becomes increasingly difficult. Overcoming this problem will necessitate a revaluation and reassignment of functions, the utilization of more mechanized equipment, and stepping up the orientation and job training program.

The Laundry continues to supply numerous demands of the entire hospital. It is pleasing to note that turnover of laundry personnel has been at a minimum and the quality of work and production is high. A new washer was purchased and installed this year. There should be a gradual replacement of old equipment, some of which is over forty years old. An additional washer, floor scales, and extractors will be required. Uniforms for nursing personnel are now laundered for a minimal charge due to the change in salary ranges initiated in October. The re-evaluation of our linen distribution is in process, and it is expected that a distributing system will be implemented during the forthcoming year without any additional expense in equipment, personnel, or capital outlay.

There has been a marked increase in attendance at the patient library during 1956, and details regarding this area of patient activity will be

given in the Report of the Clinical Service. A Medical Library Book Selection Committee, consisting of physicians with varied interests, was formed and has drawn up a comprehensive list of books needed in the Medical Library. A gradual acquisition of the books on this list is being made, and it is anticipated that additional funds from the recent Ford Foundation grant will be spent for this purpose. Space eventually will become a problem, and further consideration must be given to either extensive remodeling of the Medical Library or moving it to larger quarters.

The Maintenance Department has undergone certain reorganizational changes. One of the outstanding accomplishments in this department was the setting up of a stockroom. The department handled, listed and itemized approximately 2,000 separate items on hand.

A great deal of effort has been expended in brick, roof and gutter work in exterior building maintenance. By increasing the number of painters, twelve building exteriors were painted this year, and many interior areas throughout the hospital have received attention. Further planning and scheduling will enable us to systematically accomplish and fulfill the needs in this area. Again this year money was spent on our own domestic water system, this time to install all new suction lines above ground. A high pressure steam line between Bowditch and Arlington Cottage was replaced. The vacuum heating system now in its second year of operation is functioning smoothly, realizing significant savings to the hospital. Another boiler in the Power Plant has been completely retubed and relined. Our plans include the complete retubing and relining of still another boiler during 1957. The Maintenance Department continues to handle the many numerous demands placed on it by the entire hospital. A program of long-range planning for building interior and exterior modernization and renovation must be given consideration. Another long-range plan should be set up evaluating the needs for replacement of furnishings throughout the hospital which would be in keeping with modern psychiatric equipment.

The Personnel Department has undergone many changes in 1956. The appointment of Miss Vera Kilstein as full-time Personnel Director is significant. The functions of the department have been re-evaluated and, as a result, an enlarged scope of activity is being offered. Additional clerical assistance has been given the department. The major activities center around the screening of personnel, maintenance of current work information, and cataloguing termination data on all personnel except the medical staff. Through analyses of job specifications, reasons for employee terminations, immediate reporting of job openings by department heads, and a program of job controls, job orders are now being filled much more rapidly and accurately. As mentioned earlier, with a

tight labor market for unskilled workers, especially women, more intensive newspaper advertising has been undertaken with a reasonable degree of success. This avenue, along with employee referrals, has been the major source of hirings. The hospital, through this department, has given its support to the Hungarian Refugee Program and to those in need of rehabilitation provided the job standards have been met. To keep current with the wage market for non-professional workers, job categories have been established and salary ranges in thirteen wage levels have been developed. Step increases were established over a six month period in accordance with newly created minimum wage changes.

The issuing of keys and a planned program for key control is in process. Department-head training has been started, and through a series of lectures on the principles of psychiatry, a safety program, and department head meetings, this group is obtaining a broader picture of the hospital activities and needs. During the forthcoming year the Personnel Department will assume responsibility for handling the hospital Pension Plan, Workmen's Compensation Program, and standardization of employee personnel policies. Much work remains to be done before this department can effectively carry out its program. There will be a need for new forms and procedures to keep personnel records processed and up-to-date.

After many years of faithful and loyal service, Mr. Alfred Mercer*, Maintenance Department, retired after fifty-five years. Also retiring during the year were the following people:

Name	*Department*	*Years of Service*
Daniel Joy	Occupational Therapy	48
Alexander Cupid	Nursing	42
Albert Allen	Maintenance	30
Nellie Cashman	Housekeeping	25
Ida MacDaniels	Nursing	15

The Department of Roads, Grounds and Transportation has worked unceasingly in maintaining the attractiveness of the hospital grounds. There has been a shortage of workers in this department, again due to the retirement of several long-term employees, many of whom will be difficult to replace. The greenhouse continues to supply seasonal flowers for every need throughout the hospital. The summer garden also supplied many of the fresh vegetables used by the Dietary Department. The program of surfacing more of the hospital roads has continued and several additional driveways have been surfaced. Planning in this area includes the gradual resurfacing of the remaining dirt roads

*deceased

throughout the hospital. More mechanized equipment would appear to offer a partial solution for the general shortage of help. A small tractor, capable of pulling a three-gang mower, has been purchased. This tractor is equipped with other accessories which eliminate hand-cutting of weeds in the orchard areas and a brush which eliminates manual labor for sweeping the hospital roads. A new piece of snow plowing equipment has also been added to our fleet, making it possible to keep two plows in constant operation during heavy snowstorms. Our fleet of pleasure vehicles, repaired and serviced in our own garage, are kept busy supplying the patients' needs for drives, shopping trips, and other numerous activities.

Through the interest and efforts of its members the Safety Committee has been quite active. The Committee meets twice a month to review all accidents to determine their cause. This program makes it possible for steps to be taken to remove or correct any physical hazards and control unsafe acts through job orientation and education of employees. A sub-committee of the Safety Committee makes periodical inspections of all areas throughout the hospital. These sub-committee reports are carefully reviewed and steps taken to correct hazards that are found. The hospital has again been enrolled in the Hospital Safety Contest sponsored jointly by the American Hospital Association and the National Saftey Council. It is interesting to note that the accident frequency ratio in mental hospitals is almost double that of general hospitals. A safety engineer, in consultation with the hospital, works closely with the Safety Committee, as does the Belmont Fire Department, which sends members to our Safety Committee meetings and sub-committee tours throughout the hospital. This is a rotating program for the Fire Department and eventually most of their officers will become intimately familiar with the hospital buildings.

Other service departments throughout the hospital continue to offer facilities for the patients' personal needs. The Beauty Salon had over one thousand patient appointments during the year and offers all the services found in any well-equipped beauty shop. The Barber Shop continues to provide the personal service for shaves and haircuts for all the male patients. Both shops offer services on the wards as well.

Much has been accomplished this past year; much remains to be done. We will require additional equipment and personnel. Maintenance of the physical plant of the hospital continues to be a major problem. Consideration must be given in future long-range planning for obsolescenses throughout the entire hospital. Furthermore, some planned parking areas must be offered in the near future to accommodate the increasing number of cars owned by staff, patients, personnel, and visitors.

Only through the loyal and cooperative efforts of all department heads and personnel have the many and diversified demands upon the hospital been met. I wish to express my sincerest appreciation to them. I would like further to express my thanks to those at the General Hospital who have contributed so much to our progress this year, particularly to Mr. Lawrence E. Martin whose assistance was invaluable. Also I wish to thank the departments of the Town of Belmont who have helped us with advice and with the loan of equipment whenever it was needed.

Finally a great deal of appreciation must be extended to Dr. Wood who retired this year. Through his efforts and with his guidance for so many years the very basic stepping stones were laid making possible the many changes described in this report. We have indeed missed him greatly and wish him continued well-being.

It is with great pleasure and honor that I respectfully submit this report.

JOSEPH T. PREKUP
Assistant Director

McLean Hospital

Comparative Operating Statement — Fiscal Year 1955-6

	1955-56		1954-55	
Total Number Patient-Days' Treatment	82,639		75,963	
Free Patient-Days	966		1,631	
Patient-Days, Paying Part of Cost	19,233		25,065	
Patient-Days, Paying Full Rate	62,440		49,267	
Average Rate Charged per Day	$19.60		$17.98	
Average Cost per Patient per Day	21.82		20.12	
Hospital Receipts				
Board of Patients	$1,788,916.10		$1,569,888.30	
Other Receipts	553,831.72	$2,342,747.82	502,363.97	$2,072,252.27
Hospital Expenses				
Salaries and Wages	$1,308,291.13		$1,145,445.25	
Supplies and Expenses	956,952.63		803,725.75	
Free Care	183,232.39	2,448,476.15	213,120.00	2,162,291.00
Hospital Account Loss		$ 105,728.33		$ 90,038.73
Hospital Expenses Paid by Treasurer				
Real Estate Tax	$ 23,770.40		$ 22,112.00	
Insurance	6,358.65		6,080.60	
Extraordinary Expense	39,517.35	69,646.40	40,690.75	68,883.35
Hospital Loss		$ 175,374.73		$ 158,922.08
Research Laboratory Expenses	31,273.52		$ 27,974.79	
Research Expenses Charged to Funds	60,392.86	91,666.38	53,921.08	81,895.87
		$ 267,041.11		$ 240,817.95
Treasurer's Income				
Gifts	$ 605.00		$ 1,070.00	
Appropriated From				
Investment Income	58,229.74		51,911.72	
Temporary Funds	64,872.59	123,707.33	59,580.93	112,562.65
		$ 143,333.78		$ 128,255.30
Treasurer's Expense				
Corporation Expense		4,824.74		4,387.41
Deficit		$ 148,158.52		$ 132,642.71

Report of the Director of Internal Medicine for 1956

THE physical health of the patients, the staff and the employees has continued good. During 1956, seventeen patients, aged 64 to 92 years, died of conditions common in old age. The amount of illness that occurred in patients during the year was small, in fact almost non-existent in the younger ones. Infectious diseases did occur in individuals, and never, barring a single outbreak of diarrhea, in epidemics. Cardiovascular disorders were common among the elderly—indeed, they were the cause of admission in many cases.

A gradual but notable change has occurred in the handling of medical problems by the resident staff. Medical consultation, formerly requested only for puzzling or for moderate or severe physical illnesses, is now commonly requested for trifling ailments. The trend, noted in previous reports by the author, for psychiatrists to give up many of the generalized functions of the physician continues. However, this trend is by no means universal, a fact that raises the question whether such specialization is necessary or desirable.

The number of prescriptions filled for patients in 1956 was 20,874. Patients had 771 X-Ray examinations of which 442 were of the chest, 22 of the gastrointestinal tract, 3 were pyelograms, and the rest were of the skeletal system. Patients also had 92 electrocardiograms. Hundreds of blood counts and chemical determinations, urinalyses, et cetera, were aslo made. These data certainly indicate the importance of somatic considerations in the general handling of patients with mental and emotional disorders.

The burden of handling medical consultations has been borne largely by Dr. Thomas Hall and Dr. George M. Perrin. Mr. Herbert Davidson, X-Ray and electrocardiographic technician, and Mr. Joseph Giancola, clinical laboratory technician, have more than carried out their required duties.

The Employees' Clinic has remained in the competent hands of Dr. Virginia Calkins throughout the year, excepting the period of her customary leave. The magnitude of the service provided by the Clinic is evidenced by the fact that employees had about nine percent more X-Ray examinations than patients last year, and were issued 1,613 prescriptions for medication. Converting the old Observation Ward into psychiatrists' offices has resulted in greatly increased work for the Clinic Staff; Clinic patients who require bed care are now scattered all over the hospital. An infirmary is needed.

The Pharmacy filled 21,487 prescriptions last year. Its facilities are grossly inadequate. Mr. George Zager's competence and devotion has made for more efficient operation under conditions that others would find intolerable. With the help of a consultant, a survey was made of space available for a new pharmacy and a site was chosen some months ago. It is to be hoped that the new Pharmacy can be constructed in 1957. Mr. Zager has also instituted changes that will result in the better handling of medication on the various halls.

Respectfully submitted,

MARK D. ALTSCHULE, M. D.

Report of the Director of Research in Clinical Physiology for 1956

DURING the past year investigation of the disturbed carbohydrate metabolism of schizophrenic and manic-depressive psychoses has continued. It now seems clear that these psychoses consist of two phenomena. One, representing the fundamental disorder of carbohydrate metabolism, is still not understood. The other comprises a group of factors that occur during these illnesses—most prominently at the onset—and which can be ameliorated by treatment. For example, it was shown previously that ACTH upsets carbohydrate metabolism and also makes some schizophrenic patients worse. Similarly, thiamin deficiency, which also upsets carbohydrate metabolism aggravates schizophrenia. (This deficiency does not, of course, cause schizophrenia in normal persons.) Most recently, it has been shown here that giving epinephrine in amounts as small as 2 micrograms per minute seriously disrupts intermediary carbohydrate metabolism and although no aggravation of symptoms occured during the short period of the observations, there is evidence that a longer period of administration might have worsened the psychosis. This conclusion was suggested by the fact that giving glutathione, a substance that apparently inactivates epinephrine, improved the carbohydrate metabolism in schizophrenia and also caused temporary clinical improvement. All these data suggest that the patients with serious schizophrenia must probably remain incurable for the time being, whereas those in whom there is an element of severe stress (which causes the production of large amounts of epinephrine and ACTH) and of malnutrition (the acute cases) can be greatly helped by being given shelter, sedative drugs, psychotherapy, and a good diet with added vitamins. The removal of stress and the improvement in nutrition afforded by hospitalization helps this type of patient greatly.

Other studies in this general field made here have shown that the tranquilizer drugs cause no improvement in carbohydrate metabolism in *chronic* schizophrenia, and is evident that they do affect the fundamental process, although they do improve behavior in varying degrees.

A cooperative study with Dr. Maurice Victor was made on the carbohydrate metabolism in various types of alcoholic brain disease. The role of thiamin deficiency in particular was defined more precisely than in the work of earlier observes.

Grants from the Donner Foundation and the Smith, Kline and French Laboratories made it possible to initiate studies of the rate of production of epinephrine in psychiatric patients. This project, carried on in coopera-

tion with Dr. Hirsh Sulkowitch, will continue for some time. Thus far the date shows that such patients excrete as much as 10 to 50 times as much of this adrenal medullary hormone as do normal calm persons. The changes in excretion of the hormone under the influence of treatment are being investigated. Investigation of the role of the pineal glands has continued with the aid of a grant from the Commonwealth Fund.

Dr. George M. Perrin, now in the second (and final) year of his U.S. P.H.S. post-doctoral fellowship has participated in these studies, and his presence has greatly accelerated progress. His retirement next June will be a serious loss.

The Physiological Research Laboratory is ably staffed by Mrs. Paul Goncz (neé Restaino) and Mrs. Kermit Holliday (neé Davis) and Miss Joan Wilson.

Publications in 1956 were:

1. Bower, W.H., and Altschule, M.D. Use of progesterone in the treatment of postpartum psychoses. *New Eng. J. Med. 234*: 157-160, 1956.

2. Altschule, M.D. — Neuere Ergebnisse uber die Pathogenese des Lungenödems. *Klin. Wchnschr. 34*: 169-174, 1956.

3. Perrin, G.M., and Altschule, M.D. — Psychiatric diagnoses on hospitalized patients with neurocirculatory asthenia. *New Eng. J. Med. 254*: 419-421, 1956.

4. Altschule, M.D. — Physiologic data bearing on the clinical problem of anxiety. *New York State J. Med. 56*: 864-871, 1956.

5. Altschule, M.D. — Use of chlorpromazine and reserpine in mental disorders. *New Eng. J. Med. 254*: 515-519, 1956.

6. Altschule, M.D., Perrin, G.M., and Holliday, P.D. — Effect of intravenous administration of lactate on blood pyruvate level in man. *Proc. Soc. Exper. Biol. and Med. 91*: 446-448, 1956.

7. Reiner, L., Konikoff, N., Altschule, M.D., Dammin, G.J., and Merrill, J.P. — Idiopathic paroxysmal myoglobinuria. *Arch. Int. Med. 97*: 537-550, 1956.

8. Altschule, M.D., Henneman, D.H., Holliday, P., and Goncz, R.M. — Carbohydrate metabolism in brain disease: VI. Iactate metapolism after infusion of sodium d-lactate in manic-depressive and schozophrenic psychoses. *Arch. Int. Med. 98*: 35-38, 1956.

Respectfully submitted,

MARK D. ALTSCHULE, M. D.

Report of the Director of Scientific Research

DURING 1956, S. Bogoch, M.D., resigned his position; H. Porter M.D., transferred his activities, as prearranged, to the new laboratories in the Warren Building; and P. Dreyfus, M.D., joined the staff as a U.S.P.H.S. post-doctoral fellow. With these changes, the staff consists, at the present time, of four M.D.'s, two Ph. D's, four technicians and a laboratory assistant.

During the year, the laboratory has received a total of $67,700 from the U. S. Public Health Service and the American Cancer Society for its current operation. It has also received a grant of $17,000 from the Godfrey H. Hymas Fund for alterations which now allow the use of all the space available in the laboratory building.

In June, 1956, the Ford Foundation awarded to the laboratory a grant for $250,000 to cover the cost of a five-year program for the study of the "Dynamic Biochemistry of Brain Structural Components". This program is scheduled to be initiated during 1957.

The work done during the year was reviewed by the Advisory Committee on January 22, 1957. The following is a summary of the progress reported:

Biochemical Studies

The work carried out has been the continuation and expansion of earlier studies. It has dealt with the chemical structure of strandin and its constituent sialic acid; with the isolation of brain proteins and lipoproteins in general, and, of copper proteins in particular; with different problems of lipide chemistry, especially the chemistry of sulfatides; with the development of a method for the chemical determination of inositol in biological materials; with the continuing study of the chemical nature of the causative agent(s) of experimental allergic encephalomyelitis; and with some experimental and clinical problems to which our findings could profitably be applied.

The results of the study of the chemical structure of strandin has suggested that the constituent sialic acid is combined in the strandin molecule to a neutral sugar; also it is likely that gangliosides may be products of partial breakdown of strandin. The crystalline acid (chromogenic group) has been found to be pure by paper chromatography and progress has been made toward establishing its chemical structure.

The study of proteins and lipoproteins has consisted in the extension and elaboration of a general method for the separation from brain tissue of reproducible, exhaustible native brain protein fractions.

The study of brain copper proteins has resulted in the preparation by two different methods of a copper-containing protein which appears to be 85% homogeneous both by electrophoresis and ultracentrifugation and to which the name of *cerebrocuprein I* has been given. It contains about 0.30% copper and appears to differ from other recognized copper proteins.

Work on the sulfatides has shown that the already reported S-, P-containing fraction which was thought possibly to be a sulfophosphatide is, in fact, a mixture of a sulfatide with one or more phosphatides which it has been possible to resolve by the use of column chromatography. Last year's observation that most, if not all, of the sulfur in cerebron sulfuric acid (obtained by the already reported method of "linked partitions") was readily released by treatment with glacial acid at 100 degrees has been further studied.

The application of the method for the chemical determination of inositol to biological materials showed that the presence of phosphoric acid in the hydrolysate of the sample resulted in substantial destruction of inositol during the evaporation steps required for the elimination respectively of HCI and of glycerol. The method is being modified in the light of this finding.

The work on the chemical nature of the causative agent(s) of experimental allergic encephalomyelitis which is carried out in collaboration with the Department of Neurology of the Massachusetts General Hospital has continued to be a major line of investigation. The results obtained during the last three years, i. e., since progress along this line has last been discussed, have shown that the question is a complex one both because more than one antigen may be involved and because there are species differences that have not yet been well defined.

During the year, it was possible to study copper in a brain from a patient who died of hepatolenticular degeneration. Former observations were confirmed.

Neuropathological Studies

Under the general direction of Dr. Pope, work has continued on the biochemical architecture of the cerebral cortex and on the chemical properties of brain enzymes that hydrolyze adenosinetriphosphate. In addition, a correlative investigation of the neuropathology and quantitative histochemistry of experimental thiamine deficiency has been initiated.

Additional experiments upon the quantitative intralaminar distribution of adenosinetriphosphatase (ATPase) within the architectonic

layers of rat somatosensory isocortex have confirmed the dual nature of such activity that is consonant with a Mg++-active system residing chiefly in nerve cell bodies and Ca++-activated system localized in the neuropil and in the muscular coats of the blood vessels. Similar experiments are now in progress on the intracortical distributions of inorganic pyrophosphatase and 5'-nucleotidase activities. Preliminary results suggest that pyrophosphatase is chiefly localized in nerve cell bodies since activity is greatest in cortical layers II - IV, especially in II and IIIb. On the other hand, the intralaminar profile of 5'-nucleotidase is quite different, its activity being greater in the subjacent white matter than in the layers of gray cortex, a finding which suggests localization of this enzyme in glial elements, particularly oligodendrocytes. In addition to the work on enzymatic architecture, certain parallel studies are underway on the intracortical distributions of basic structural elements including total lipides, total protein, and nucleic acid fractions.

A continuing by-line has been investigation of the influence of metal cations upon brain ATPase activity. The results show an absolute dependence upon the presence of either Ca++ or Mg++ for enzymatic hydrolysis of ATP in rat brain, a need for equimolar concentrations of Mg++ and ATP for maximal activity, a stimulatory effect of low concentrations of Na+ upon the Mg++ but not on the Ca++ –activated system, and a doubling of activity produced by low concentrations of K+ in a Mg++ –activated system containing physiological concentrations of Na+. This effect is produced in a graded manner and becomes maximal when the K+ concentration is 0.010 M. There is evidence that NH_4+ may substitute for K+ in the foregoing effect. The addition of Ca++ depresses the activity of the Mg++ –activated system but does not do away with the incremental stimulatory effects of monovalent cations. The influence of K+ upon the Mg++ –ATPase system is in many ways analogous to its effects on brain respiration and glycolysis and may represent a counterpart at the enzymatic level of its role in brain energy metabolism.

A study is now underway on the quantitative histochemistry of tissue thiamine and cocarboxylase in relation to the development of neuropathological lesions in experimental thiamine deficiency. This represents an attempt to produce a clinico-pathological state analogous to Wernicke's disease in man and to correlate the biochemical state of the affected regions of the brain stem and diencephalon with the appearance and progression of histopathological changes. Rats have been rendered thiamine deficient by a diet of autoclaved yeast. This results in a syndrome characterized by weight loss, weakness, and ataxia which is rapidly reversible with the administration of thiamine. The neuro pathological aspects of this experimental disease are being investigated

and described, and a fluorometric method for thiamine assay in microgram quantities of tissue has been put in operation. These procedures are providing information and techniques for studying concentrations of the vitamin and its phosphorylated derivative in the affected structures both in relation to the clinical state of the animal and to the natural history of the lesions.

Respectfully submitted,

J. FOLCH-PI, M.D.
Director of Scientific Research

Report of the Psychology Department

DURING the past year the Psychology Department has continued its traditional functions of diagnostic testing, teaching, and research. There were 75 patients seen, and 293 tests administered.

Reseach was continued on the following projects:

(1) An analysis of the therapeutic effects of participation of patients in the Patients Activities Association, and the Patient Personnel Conference;

(2) A comparative study of Rorschach records of adolescent patients and of college students of the same age and socio econmic status for the purpose of investigating indices of adjustment.

In conjunction with Dr. George Perrin in the Department of Internal Medicine a paper was prepared which reviewed and evaluated the literature on the psychosomatic aspects of cancer.

We would like to express our appreciation to Mr. Daniel Rosenblatt who resigned his position in this department to accept a research appointment at the Bank Street College of Education in New York. He was replaced by Miss Mildred Swinson who joined the staff of the Psychology Department at the end of this year.

Respectfully submitted,

IRENE R. PIERCE, Ph.D.
Psychologist

Program for the McLean Hospital Social Science Department

THE Social Science Department is one of the most recent additions to McLean Hospital, and plans are now underway for expansion in association with the Department of Social Relations at Harvard. At present, we are still trying to select among the overwhelming number of projects which present themselves for more intensive study. In collaboration with other staff members, we are working on a study of attitudes toward a proposed change in hospital policy which would permit selected patients to carry spending money on their persons. A questionnaire has been sent to staff, patients, and families in an attempt to discover the meaning of the change to these groups before it is put into effect and to obtain information which will be considered in determining the lines of implementation; it will be supplemented by informal interviews. Actually our aim is twofold: we hope both to obtain information which will be useful in the day-to-day operation of McLean Hospital and to use the same material as scientific data relevant to sociological theories of institutional functioning and social change.

In the long run, the social science department hopes to contribute to the understanding and cure of mental illness by detailed and impartial observations of the impact of the social milieu on the therapeutic process and by research based on knowledge about social structure and values as potential determinants of conflict. In this way perhaps we will be able to add a new theoretical perspective and new sources of information to those brought by the biochemical research department and the psychiatric staff.

Respectfully submitted,

ANNE PARSONS, Ph.D.
Assistant Sociologist

Psychiatric Social Service Department

ON February 13, 1956 the Social Service Department was instituted at the McLean Hospital. In July, Mrs. Ellin Isenberg was added to the staff; and then in September, Miss Elizabeth Johnston joined us. Affiliations were established with Boston University School of Social Work and Simmons College School of Social Work for second year students in the psychiatric sequence. In September the first two social work students began their placements here. Recently a new position of senior worker has been authorized, and also approval for the appointment of a psychoanalyst as consultant to the department.

Our functions and responsibilities have evolved in response to the needs and requests of the patients, their families, the clinical program, and the entire hospital. From the beginning the patients asked help in discharge planning and then we began to see relatives in regard to the problems aroused by having a close family member hospitalized. In the first ten months we offered service to 145 patients and their families, and in December we carried a total of 95 cases. Also in December the patients asked that Social Service take responsibility for the Work-Project Program in the hospital and Mrs. Isenberg was appointed as our representative to that committee. Social workers are now participating in many of the patients' committees as well as the Patient-Personnel Conference.

In addition to the case work service offered, we are actively involved in the teaching of medical students and residents as well as nurses. We are also participating in administrative planning and policy development.

We have been actively establishing close working relationships with community agencies. In May, the hospital, in conjunction with the Social Service Department, acted as host to the Psychiatric Social Work Section, Eastern Massachusetts Chapter, National Association of Social Workers. Several individual social work representatives from varied agencies have visited the hospital and attended staff meetings.

For the next year we expect to continue our present activities and hope to expand the department further so that we may offer more assistance in discharge planning and also develop a social service research program. We have already arranged to increase the amount of time offered to teaching of nurses. We also need to strengthen and extend our liaison with community groups.

We are very proud of what has been accomplished in our first year of operation and feel very grateful to the entire hospital for the support, encouragement, and help given us.

GOLDA M. EDINBURG
Director, Department of Psychiatric Social Service

Report of the School of Nursing and Nursing Service

THE complete separation of Nursing Service and Nursing Education during the year marked a significant milestone. This change included a complete revision of the nursing organization and was accomplished cooperatively with representatives of service and education. In addition to the change in the total framework, each standing committee implemented its individual functions and rules of procedure which were accepted by the Executive Council. The Standing Committees on Nursing Service are now as follows: 1) Administration of Nursing Service Committee; 2) Head Nurse Committee; 3) Staff Education Committee; 4) Functions, Standards and Qualifications Committee. At the thirteenth annual meeting of the Faculty Organization reports of the Executive Council and all the Standing Committees of both Nursing Service and Nursing Education were presented according to the new framework. A statement of function read from the By-Laws for each committee helped to clarify the significance of the many changes which came about in the past year. Since the reorganization has been effected, questions concerned with interpretation of the By-Laws and proper channels of authority have finally resulted in the formation of a Revisions and Amendments Group which will study the function and action of the organization in 1957.

Further evaluation of functions within the Administration of Nursing Service group has resulted in the separation of those functions concerned with supervision of the direct nursing care of the patients and those functions concerned with the care of patients' property, mail and administration of certain schedules. The first group of functions is now administered from a central supervisor's office in the Administration Building and is a joining of two supervisory groups located previously in the two Belknap buildings. All supervisors are now responsible to one Assistant Director of Nursing Service instead of two Assistant Directors of Nursing Service. The second group of functions is now administered in a newly created area called the Patients' Receiving Unit and is directed by an Assistant Director of Nursing Service with the assistance of personnel trained in the care of patient property, mail and other related administrative duties. The location of the Patients' Receiving Unit is temporarily in the Men's Belknap building, but plans include the transfer of this unit to a central location in the Administration building. The relocation of the offices of the Director of School of Nursing and Nursing Service, one Assistant Director of Nursing Service and other supervisory and administrative personnel to the second floor of the Adminis-

tration building has centralized nursing and released four offices which were added to Women's Balknap I as four additional patient rooms.

The general and specific participation of nurses in the care of patients has been improved by certain administrative changes in the approach to that care. The most significant of these changes have been the opportunities of the nurses involved in the direct face to face relationships with the patient to increase their knowledge by 1) participation in the new morning conferences; 2) daily conferences with the clinical administrator; 3) ward work conferences; 4) clinical instruction on the wards; 5) some opportunities to take part as an observer in group therapy; 6) attendance at Patient Activity Association meetings; 7) participation in Patient Personnel Conferences; 8) participation in Patient Work Conferences; and 9) participation in Interward Visiting for Patients.

In terms of quantity to provide nursing care, the full-time staff nurse group, including head nurses, assistant head nurses and staff nurses has increased from 58 to 60, and the part-time group has decreased from 35 to 34. The full time psychiatric aide group has increased from 54 to 56 and the part-time group has increased from 43 to 44. During the year the number of licensed practical nurses employed has increased from 1 to 2. Additional aides and practical nurses would release some of the graduate nurses from the geriatric groups to the care of the more acute psychotic patients in the hospital.

On October 1, 1956, a new salary scale went into effect. The scales for Supervisors, Head Nurses, Assistant Head Nurses, Staff Nurses, Licensed Practical Nurses and Psychiatric Aides were approved for the fiscal year. In keeping with the hospital financial deficit, the implementation of individual wages was spread over the year. This change including certain other benefits precipitated a revision of personnel policies which were put into effect for Assistant Head Nurses, Staff Nurses, Licensed Practical Nurses and Psychiatric Aides. Fringe benefits in the terms of the policies gave a 10% increase for permanent evening relief assignment and a 5% increase for a permanent night duty assignment both of which must be for a period of two months or longer. The continuity of assignments in periods of duty usually broken by the use of part-time nurses and part-time psychiatric aides particularly in the evening period has been critical for some time. The above described plan has slowly made some improvement. Between October, 1956 and January, 1957 we added one graduate nurse, one licensed practical nurse and one psychiatric aide. An average of one employee per month accepted a regular evening relief assignment. It is hoped that 1957 will show further stability of assignment of personnel particularly in the evening relief period. This will encourage the eventual increase of patient privileges and activity during the evening hours.

The increase of the patient census was absorbed by the nursing service personnel. The Hope Cottage second floor was opened increasing the number of available beds from four to eight. Four available beds were also added to Women's Belknap I.

The qualifications of new appointees to the Nursing Service Staff have been discussed and reviewed in relation to personality, professional experience, state registration and educational background. The following appointments were made: 1) Mr. Daniel H. Lennox, who was promoted from Supervisor to Assistant Director of Nursing Service, is a graduate of McLean Hospital School of Nursing, holds a B.S. degree from Boston University, and has had at McLean Hospital six months' experience as Assistant Instructor in Nursing, five years' as Supervisor and Clinical Instructor and one year as Supervisor; 2) Miss Patricia Stevenson, who was appointed as Supervisor, holds a B.S. degree from Simmons College School of Nursing and has had at Boston Psychopathic Hospital two years' experience as Head Nurse and one year as Night Supervisor; 3) Mrs. Virginia Simpson, who was appointed as Supervisor, is a graduate of Mount Sinai Hospital School of Nursing, New York City, holds a B.S. degree from Simmons College, and has had one year of Head Nurse experience in home hospital and Boston Psychopathic and was Nurse Coordinator in the pilot study of rehabilitation at Boston State Hospital for two and one-half years; 4) Mr. Henry H. Harvey, who was promoted from Head Nurse to Supervisor, is a graduate of McLean Hospital School of Nursing, holds a B.S. degree from Boston College School of Nursing, has had one year's experience as Private Duty Nurse, six months' as Staff Nurse in Brockton V. A. Hospital, and two years' as Assistant Head Nurse and Head Nurse at McLean Hospital; 5) Mr. Michael Gouthro, who was promoted from Staff Nurse to Acting Supervisor, is a graduate of McLean Hospital School of Nursing, has completed eighty-four college credits towards a B.S. degree at Boston College School of Nursing, and has had two years' experience as Staff Nurse and Private Duty Nurse at the Massachusetts General Hospital and one year as Staff Nurse and Assistant Head Nurse at McLean Hospital; 6) Mr. Warren Bishop, who was promoted from Staff Nurse to Acting Night Supervisor, is a graduate of McLean Hospital School of Nursing, has completed seventy-six college credits towards a B.S. degree at Boston University and has had six months' experience as Staff Nurse at Rutland V. A. Hospital and McLean Hospital, three years' as Head Nurse at Tewksbury State Hospital and two years' as Instructor of Nurses at Springfield State Hospital, Sykesville, Maryland; and 7) Eight Head Nurses: Miss Anita M. LePage, Miss Joan P. Pedulla, Miss Lois L. Fortin, Mrs. M. Eileen

Turner, Miss M. Patricia Carmickle, Mr. Eric C. Lieberwirth, Miss Alice J. Raymond and Mrs. Ruth A. Miller.

The staff education program has been extended to graduate nurses, psychiatric aides, and others vitally concerned with patient care. This program has included weekly clinical instruction on the wards given by doctors, clinical instructors and head nurses; reviews of medical techniques and nursing procedures; information on new trends in psychiatric treatment; demonstrations and lectures on oxygen and parenteral therapy; and films on the use of tranquilizing drugs. Special attention has been focused upon a series of programs sponsored by Esther Lucille Brown, Director of the University and Community Relations, Boston University School of Nursing. The content of the programs offered to the nurses included interesting developments in nursing and the health services, particularly from a human relations point of view.

Participation of nursing service personnel in professional and community activities are as follows: 1) Member of Committee on Rules of Procedure, District #5 of Massachusetts State Nurses Association; 2) Member of Finance Committee, District #5 of Massachusetts State Nurses Association; 3) Agency Member of Nursing Council of United Community Services of Metropolitan Boston; and 4) Agency Representative of Intramural Psychiatric Hospital Group on Patient Care. During the year one supervisor attended a four-day institute on the art of supervision sponsored by the American Hospital Association. Two members of the Administration of Nursing Service Committee attended the biennial convention of the American Nurses Association held in Chicago.

The fifteen-hour orientation program for all new Psychiatric Aides was continued. A certificate card in recognition of the completion of this program was issued to sixteen Psychiatric Aides.

The special psychiatric nursing educational program approved by the American Nurses Association for nurse visitors from other countries has continued. One nurse from British Guiana and one from Finland have been enrolled in 1956 on a combination working and educational basis. Six graduate students from foreign countries under the exchange number for the Massachusetts General Hospital, have taken the twelve-week affiliating course in Psychiatric Nursing with the undergraduate students.

Special arrangements have been made for the Nurses and Psychiatric Aides who work either full-time or part-time to continue their education at nearby colleges. Twenty-six nurses and thirty-six aides have realized this opportunity.

During 1956, the nursing service has recognized certain responsibilities which call for close activity with other departments in the hos-

pital and have been representative of nursing in many various ways; 1) helping the Medical Staff to determine the needs of the patient through planning and participation on problems concerned with medical records, care of disturbed patients, responsibilities in elopements, communications within the hospital, spending money for patients, use of safety razors by patients, patients' mail, distribution of newspapers and electric shock schedules; 2) participation in the overall reorganization of hospital procedure as it related to other departments in hospital; 3) planning for Hospital Christmas Parties for all personnel; 4) continuing the Intra-Hospital Group Committee called "The Steering Committee on Patient Care"; 5) helping to prepare a new requisition system within the hospital; 6) inviting directors of other departments to discuss mutual problems; 7) helping to evaluate safety measures through the hospital Safety Committee; 8) studying payroll problems; 9) installation of the pay cafeteria; 10) introducing procedure for cash payment in the laundering of nurse uniforms; and 11) helping to administer polio vaccine to pre-school and school children in Belmont, also sterilizing all needles and syringes used for this purpose.

Recommendations for improvement in nursing service at McLean Hospital for 1957 are: 1) Purchase of white trousers for men Psychiatric Aides to complete the present uniform; 2) establishment of satisfactory central area to care for listing, marking, cleaning and storing of patient's clothes and other property; 3) consideration of salary scales for nursing personnel, which are comparable to salaries paid anywhere in the United States for this specialized field of Nursing; 4) consideration of a full time nurse instructor, qualified educationally and professionally in the field of psychiatric nursing, who has no other responsibilities except the direction of an educational program for nursing service personnel.

It is a pleasure to submit this part of my report. I feel that nursing service needs at this hospital must keep growing to hold pace with current changes. Future plans for reseach in this special field must be given every consideration. I extend my sincere appreciation to the Board of Trustees, the Medical Staff and all other hospital departments, and I look forward to the continuation of such support in 1957.

The School of Nursing

The School of Nursing is responsible for four separate programs in nursing education. The three-year diploma program was founded in 1882 and was the first basic school in the World to be organized in a mental hospital. Men and women graduates of this program are well known nationally and abroad, particularly for their skills in human relationships. There are nursing education programs for college stu-

dents. Our school provides clinical instruction in psychiatric nursing for students who receive a B.S. degree in nursing at Simmons College; for students who receive an A.B. degree from Radcliffe College and a diploma from the Massachusetts General Hospital School of Nursing; and students who receive a B.S. degree in nursing at the University of Massachusetts. The school provides clinical instruction in psychiatric nursing for students enrolled in the three-year diploma programs at the Massachusetts General Hospital and the Boston Children's Hospital. The school extends a planned pyschiatric nursing program to visitors from other countries. These visitors are accepted by the American Nurses Association through the International Council of Nurses.

Keeping in mind the philosophy and objectives of the school, the activities of the school as recorded here should show the growth and achievement made in 1956.

Control

Our School of Nursing Advisory Committee has held eight meetings in which the members have given valuable advice concerning the needs of the school to the faculty and have interpreted the program in various ways to the general public. Upon the retirement of W. Franklin Wood, M.D., as Director of the hospital in July, 1956, the committee unanimously voted to invite him to be an active member as a representative of the community, and accordingly his appointment began at the October meeting. Two new members were appointed to the committee. Alfred H. Stanton, M.D., Psychiatrist in Chief of the Hospital was appointed as an ex officio member to represent the administration and professional aspects in the hospital organization. Mr. Joseph F. Kolouch, Assistant Principal of Belmont Senior High School, was appointed to represent the field of general education.

Contracts between the school and other agencies have been revised for all programs for the coming year. Relationships with agencies cooperating in the various programs are assured through faculty representatives who visit the agencies periodically on conferences with students as well as instructional personnel and through special conferences planned for the purpose of improving the educational programs.

Finance

The cost of accounting has continued. Figures on the evaluation of student nursing service have been included. The health area is still incomplete but definite data will be presented in 1957. Because the hospital has instituted a revision of accounting procedures throughout the hospital, the figures presented for the school will be used as a comparison in the preparation of the next fiscal year budget.

Faculty

Complete separation of functions in the educational and service areas of nursing was realized early in 1956. This change of course indicated need to revise the function of the Faculty Organization. Accordingly a committee was formed and the revision was accepted in March, 1956. During the year, through the guidance of the Executive Council, each group and each standing committee implemented their individual functions and Rules of Procedure were finally accepted. The Standing Committees on Nursing Education are now as follows: 1) Admissions, Promotions, Scholarship and Loans; 2) Curriculum and Records; 3) Library and Teaching Aids; 4) Publicity and Recruitment; 5) Nursing Practice; 6) Special Interests; and 7) Guidance, Health and Recreation. In view of the new functions between nursing education and nursing service members, the revised by-laws of the Faculty Organization has provided reciprocal representation in indicated areas.

In order to carry out functions adequately in the curriculum, the school appreciates the full-time appointment of a second Clinical Instructor. The appointment to this position was effective in February, 1956, and Miss Lillian R. Ladd was selected. She holds a B.S. degree in basic nursing from Simmons College, had advanced college credits majoring in psychiatric nursing at Boston University, and has had five years' experience in psychiatric nursing as Assistant Head Nurse and Head Nurse at the Boston Psychopathic Hospital and the McLean Hospital. Other appointments made in the nursing education department are as follows: 1) John J. Grady appointed as Instructor in Nursing, is a graduate of the McLean Hospital School of Nursing, holds a B.S. in Nursing from Boston College, has had five years' experience as Assistant Head Nurse and Head Nurse at McLean Hospital and one year as Assistant Instructor in Nursing at McLean Hospital; 2) Mrs. Jane J. Segar, appointed as Assistant Instructor in Nursing, holds a B.S. in basic nursing from Simmons College and has had two years' experience as Head Nurse at McLean Hospital; and 3) Miss Marilyn Wetzell, appointed as Dietitian and Instructor in Nutrition, holds a B.S. in Education, has had one year of professional internship in dietetics, two years as an Assistant Dietitian in a college and three years as a therapeutic and teaching Dietition in a general hospital.

Personnel Policies which include functions of faculty members were reviewed. Policies for positions of Instructor in Nursing and Assistant Instructor in Nursing were revised, approved and put into effect.

The increases in salary scale ranges for faculty members approved by the Board of Trustees on October 1st for the fiscal year were appreciated.

A request to move the instructors' officers from the basement to Higginson House first floor was approved by the Hospital Administration and successfully accomplished prior to the beginning of the fall semester. This provided for individual office space for each instructor. Previously four instructors were functioning in one office.

Active participation of faculty members in professional organizations and in the community shows representation as follows: 1) Advisory Member National League for Nursing Committee on Mental Hygiene and Psychiatric Nursing; 2) Member Curriculum Committee of the Associate Degree and Diploma Programs of the National League for Nursing; 3) Member of Board of Directors of the Massachusetts League for Nursing; 4) Director and Program Chairman of Interdivisional Council on Psychiatric Nursing of the Massachusetts League for Nursing; 5) Instructor in First Aid for adults and Boy Scouts in the town of Belmont; 6) Two representative agency members of the School to the Department of Associate Degree and Diploma Program of the Massachusetts League for Nursing; 7) Active participation in the administration of Salk vaccine in the town of Belmont; 8) Member of Special Group on Child Psychiatry at Boston University; 9) Member of special group on Human Relations at Boston University.

Student Personnel

The plans to obtain qualified students have continued. The work of the Publicity Committee was as follows: 1) printing and mailing of 2,000 brochures, "Education, Security, Advancement"; 2) press releases for Investiture and Commencement exercises; 3) preparation of new bulletin 1957-1958; 4) sending of 250 bulletins to applicants; and 5) scheduled personal interviews weekly.

The number of applicants decreased from ninety-nine in 1955 to ninety in 1956, not a significant decrease. Of these ninety applications, 63% are men, 37% are women. The average for the women has increased by about 5% above that of count of 1955. The total number accepted was twenty-four. Fifteen were men and nine were women.

The promotion and graduation plans include a public investiture service. In March this service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. The women were presented caps and the men four-in-hand ties. The school greatly appreciated the contribution of the speaker, Mr. LeRoy M. Craig, Director of the Pennsylvania Hospital School for Men Nurses. Mr. Craig is also a graduate of this school. His influence and constant diligence as a member of the Legislative Committee of the American Nurses Association from 1944 to 1955 played an important part in the struggle

to obtain commissions for men nurses in the U. S. Army Nurse Corps which went into effect in 1955.

The annual Graduation Exercises were held in May when four women and eight men were announced as graduates of the school. Our friend and a Trustee of the hospital, Rt. Reverend Robert P. Barry gave the Commencement address.

The Student Association has been active. In 1956, Mr. James S. Downey was elected president, and has acted as a representative of the association to all activities with the Massachusetts State Council of Student Nurses. Other members have also attended state acivities. Three students attended the American Nurses Association Convention held in Chicago as representatives of the school. Mr. Downey was a delegate from the Massachusetts State Council and was elected as a member of a committee set up by the National Organization of Student Nurses for the purpose of investigating the need of a national professional student publication.

Once during the year the Student Association played host to over 500 student nurse members of the District #5 of the Massachusetts State Nurses Association at their annual meeting. A hot dog roast and entertainment was provided in Proctor House Yard and later the business meeting and square dancing were held in the Men's Gymnasium.

Other activities of the Student Association have included participation in giving Salk vaccine to school children in Belmont, a Christmas cash contribution to a needy Belmont family, singing of Christmas Carols to patients, several dance functions including the Queen of Hearts Ball at the Hotel Continental and the Senior Prom at the Hotel Commander, a Variety Show given for patients as well as relatives and employees, and participation in a Nightingale Service sponsored by the Massachusetts State Nurses Association.

The Student Council has reviewed and presented recommendations concerned with improvement in student living. Some of these requests have been approved and are now in effect. The group has set up rules and regulations for their rumpus room which have been accepted.

The Faculty has given consideration to the health of the student. A new policy of sick leave consistent with state board regulations was instituted. During the year the routine for admission and care of ill students was changed by the Hospital Administration. A study of the change is now in progress by the Administration of Nursing Education Committee.

Scholarships and loans to students have continued. Seven students have received scholarships and five students have used the loan fund. The Annabella McCrae Scholarship Fund has now reached the $4380

mark towards its $5,000 goal. The income this year was $780. The McLean Hospital Nurses Alumni Association Scholarship Fund has reached the $3100 mark towards its goal of $5,000. Funds are available to needy students from the Lucia E. Woodward Fund. One student received funds in 1956.

Curriculum and Clinical Experience

The following progress has been made to improve the general instruction of students in basic program: 1) Redivision of the three years into three major periods: Preclinical (31 weeks), Clinical (100 weeks) and Senior Experience (25 weeks); 2) placement of Nursing II, Emergency and Disaster Nursing, Pharmacology II, and History of Nursing into the Preclinical Period, thereby allowing for the concentration during the first part of the Clinical Period on Psychiatric Nursing and related subjects; 3) reduction of the Urological Experience for men student nurses from 12 to 4 weeks with corresponding reduction in class hours; 4) a twelve-week affiliation for men students in Obstetrical Nursing at the Boston Lying-in Hospital, beginning in November 1957; 5) integration of Diet Therapy experience in the clinical area; 6) correlation of courses offered in Nursing, the basic Sciences, Pharmacology and Nutrition; 7) revision of the courses offered in Social Sciences to reduce repetition now occurring because of integration of Social Sciences in other course content; 8) revision of the integrated course in Psychiatric Nursing including Clinical Assignment; 9) introduction of a course, Human Relations in Nursing, to run concurrently with senior experiences in the clinical area; and 10) scheduling of formal classes in class days free of clinical assignment.

The program offered basic collegiate students in a twelve-week affiliation is under evaluation, subject to revision by Mrs. Dorothea Dutra, Simmons College Instructor and Miss Winifred Kelley, University of Massachusetts Instructor, respectively. The appointments during 1956 of these instructors has released Mrs. Mildred C. Makin for further consideration of other School of Nursing programs.

The Curriculum Committee now has a special subcommittee on Clinical Instruction and a special subcommittee on Research in Nursing Education, both of which are forerunners of improved instruction in the clinical area.

Agency Membership in the National League for Nursing in the Department of Associate Degree and Diploma Programs has been approved for 1957. There has been in Massachusetts an active representative group for mutual study of problems in the hospital schools of nursing and two faculty members of this school have participated during 1956.

Accreditation

The school of nursing was visited in January 1956 by two representatives of the National Nursing Accrediting Service. The five year span since the last visit showed marked progress and the school was included on the fully approved list as usual in the February 1956 issue of the Nursing Outlook.

Recommendations

Recommendations are submitted as follows:

1. The sharing of a professional librarian with other personnel in the hospital.
2. Reconstruction and decoration of all instructional areas.
3. Consideration of higher salary scales for educational personnel.

Final Statement

The progress of this school as outlined is the result of the concerted effort on the part of the participants, and it is with appreciation I include the Board of Trustees, the Advisory Committee of the School of Nursing, the Medical Staff, the members of all the hospital departments, the nursing service personnel, the nursing education personnel and the student nurses in all the educational programs.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.
Director of the School of Nursing and Nursing Service

McLean Hospital

Reports of the School of Nursing and Nursing Service

NURSING SERVICE PERSONNEL, YEAR ENDING DECEMBER 31, 1956

	Women	Men	1956
Average No. Graduates	64	17	81
Average No. Graduates—*Part-time	15	1	16
Average No. Accepted Students	17	33	50
Average No. Preclinical Students	4	8	12
Total	100	59	159
Average No. Psychiatric Aides	38	27	65
Average No. Psychiatric Aides—*Part-time	16	6	22
Total	54	33	87
Total No. Preclinical Students Admitted	9	15	24
Preclincial Students Dropped or Resigned	2	4	6
Accepted Students Dropped or Resigned	3	6	9
Total	5	10	15
Students Graduated	4	8	12
Student Veterans Enrolled — P.L. 550	0	29	29

NURSING SERVICE PERSONNEL, OCTOBER 1, 1956

Graduate Nurses	Women	Men	Total
Full-time	64	16	80
Part-time	30	4	34
Total	94	20	114
McLean Hospital and Affiliating Student Nurses			
Accepted Students	15	28	43
Preclinical Students	9	15	24
Affiliating Students from Other Schools	59	1	60
Total	83	44	127

*Expressed in equivalent of full-time.

TOTAL NURSING PERSONNEL	177	64	241
PSYCHIATRIC AIDES			
Full-time	33	23	56
Part-time	26	18	44
Total	59	41	100
MCLEAN STUDENTS ON AFFILIATION			
Massachusetts General Hospital	0	13	13
The Children's Hospital	5	0	5
Boston Lying-in Hospital	5	0	5
Total	10	13	23
AFFILIATING STUDENTS FROM OTHER SCHOOLS WHO COMPLETED COURSE IN 1956:			
Massachusetts General Hospital	117	0	117
The Children's Hospital	34	0	34
Mount Auburn Hospital	12	0	12
M.G.H. Radcliffe College Program	4	0	4
Simmons College School of Nursing	19	0	19
University of Massachusetts School of Nursing	4	0	4
Graduates	5	6	11
Total	195	6	201

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of February 1957, including subsequent appointments received, effective up to and including July 1, 1957

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
admin.: administrative; administrator
an.: anesthetist
assoc.: associate
attend.: attending
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
c.r.p.: chief resident physician
c.r.s.: chief resident surgeon
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
immunol.: immunologist
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
physiol.: physiologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc. res. assoc.: scientific research associate
sociol.: sociologist
supt.: superintendent
u.: urologist
virol.: virologist

Italics indicate to what service of the Hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biomechan.: Biomechanics
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
M.G.H. Clin.: M.G.H. Clinics
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department
Oph.: Ophthalmology; Ophthalmic
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology

P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine
Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing
Soc. Serv.: Social Service
S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital
Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no state is indicated.

ABBOT, E. S., cons. psychiat. (*McL.*)
Pencomb Farm, Wayland

ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935
M. G. H.

Abbott, L. C., *Or.* 1916
Univ. Hosp. Med. Center,
San Francisco, Calif.

ABRAMSON, D., a. obst.
127 Bay State Rd.

Acheson, G. H., *W.M.* 1939
Univ. of Cincinnati Coll.
of Med., Cincinnati, Ohio

Ackerman, I. P., *M.* 1951; r.p. 1955
University Hosp., Ann Arbor, Mich.

ADAMS, F. D., *Bd. of Cons.* (*W.M.* 1918)
226 Marlborough

Adams, H. D., *E.S.* 1932; r.s. *E.S.* 1934
605 Commonwealth Ave.

ADAMS, J., Jr., assoc. d.
704 Huntington Ave.

Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939
31 Stone Ave., Newton

Adams, Raymond A., r.p. *N.* 1951
Univ. of Virginia Med. Sch.,
Richmond, Va.

ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939
M. G. H.

Adams, W. B., *E.M.* 1918
Owls Head, Maine

Adamson, G. L., r.p. *N.* 1930
Winnipeg Clinic, Winnipeg,
Manitoba, Canada

ADLER, M. H., a. psychiat.; attend. psychiat. (*McL.*)
130 Washington, Newton

Ahnlund, N. W., r.s. *Or.* 1943
Santa Clara County Hosp.,
San Jose, Calif.

Albert, J., a.r.p. *D.* 1956
165 Columbia Rd., Dorchester

Albright, E. C., *W.M.* 1942
3901 Euclid Ave., Madison, Wis.

ALBRIGHT, F., p. (*W.M.* 1926)
M. G. H.

Albuquerque, P. F., r.s. *U.* 1944
Rua Gomes Carneiro No. 28,
Rio de Janeiro, Brasil

Aldwin, F. J., *C.M.* 1933
185 Crown, Meriden, Conn.

Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923
Commercial National Bank Bldg.,
Iron Mountain, Mich.

ALLEN, A. W., *Trustee; Bd. of Cons.* (*W.S.* 1915)
266 Beacon

Allen, D. W., *M.* 1955; a.r.p. 1956
c/o Prof. Linus Pauling,
California Inst. of Tech.,
Pasadena, Calif.

ALLEN, H. F., a.s. *Oph.* (*W.S.* 1943)
200 Beacon

Allison, C. R., *W.M.* 1938; a.r.p. 1940
176 S. Goodman, Rochester, N. Y.

ALLMAN, C. H., s. *Otolar.*
520 Commonwealth Ave.

Alper, J. M., *E.M.* 1935
425 West End Ave., New York, N.Y.

ALPERT, D. R., a. *Oph.*
41 Bay State Rd.

Alston, E. F., *Path.* 1944; a.r.p. *Path.* 1945
2107 Van Ness Ave., San Francisco, Calif.

Alt, R. E., *W.S.* 1933
1 Monument Sq., Beverly

Alton, B. H., *W.S.* 1916
27 Elm, Worcester

ALTSCHULE, M. D., dir. *Int. M.* and *Res. Clin. Physiol.* (*McL.*)
74 The Fenway

AMES, A., III, assoc. biochem. *N.S.*
M. G. H.

Amick, A. F., *M.*
M. G. H.

Andersen, E. W., a.r.p. *An.* 1948
Enighedsvey 7, Chl., Copenhagen, Denmark

Anderson, Erna G., r.p. *C.M.* 1943
815 Greenleaf Ave., Glencoe, Ill.

Anderson, R. L., *Or.* 1927
1208 Kanawha Blvd., East, Charleston, W. Va.

Andrew, N. W., r.p. *An.* 1956
Mass. Memorial Hosp.

ANGELINI, H. D., a. *Otolar.*
3 Seaward Ave., Wellesley Hills

ANGLEY, J. C., a. *M.*
School, Bryantville

Anthonisen, Margaret R., r.p. *Psychiat.* (*McL.*) 1934
Mary Hitchcock Memorial Hosp., Hanover, N. H.

Anthonisen, N. L., r.p. *Psychiat.* (*McL.*) 1932
20 Linden, Brattleboro, Vt.

Aprahamian, H. A., a.r.p. *An.* 1956
M. G. H.

ARNSTEIN, A. R., a.r.p. (*M.* 1956)
M. G. H.

ARONOW, S., a. physicist *M.*
M.G.H.

Arrowood, Julia G., r.p. *An.* 1936
Boston Univ. Med. Sch.

Arthur, R. J., *C.M.* 1952
Children's Med. Center

Arzimanoglou, A. A., a.r.s. *Or.* 1952
Lakeville State Sanatorium, Middleboro

Atherton, L. D., r.s. *U.* 1952
321 W. Broadway, Louisville, Ky.

ATKINS, L., a. *Path.*; r.p. *Path.* 1955
M. G. H.

Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.

Atwood, W. G., *W.S.* 1921
151 Rock, Fall River

AUB, J. C., *Bd. of Cons.* (*E.M.* 1915); h.p. *E.M.* 1917
M. G. H.

AUFRANC, O. E., v.s. *Or.* (*Or.* 1938); r.s. *Or.* 1939
266 Beacon

AUSTEN, F. K., a.r.p. (*M.* 1955)
M. G. H.

AUSTEN, W. G., a.r.s. (*S.* 1956)
M. G. H.

Austin, Grace L., r.p. *D.* 1930
25 Albert Ct., Kensington S.W.7, London, England

AUSTIN, R. C., a. *S.* (*S.* 1951); r.s. 1956
Concord Med. Center, Concord; M. G. H.

Averill, J. H., *M.* 1947
249 Crescent, Northampton

AYER, J. B., hon. p.; cons.n. (*McL.*)
319 Longwood Ave.

Ayers, W.B., *W.S.* 1943
75 Central Park West, New York, N. Y.

Ayres, S., Jr., *W.M.* 1920
2007 Wilshire Blvd., Los Angeles, Calif.

Bachulus, M. J., *E.S.* 1934
146 Chestnut, Springfield

Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline

Badal, D. W., r.p. *Psychiat.* 1942
University Hosp., Cleveland, Ohio

BADGER, T. L., *Bd. of Cons.* (*E.M.* 1928)
264 Beacon

Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke

BAGGETT, B., a. biochem. *M.*
M. G. H.

Baird, P. C., Jr., r.p. *E.M.* 1932
270 Commonwealth Ave.

BAKAY, L., a. *N.S.*; sr.r.s. *N.S.* 1951
M. G. H.

BAKER, D. V., Jr., clin. assoc. *S.* (*E.S.* 1943)
40 Broad

BAKER, M. P., p. (*E.M.* 1930)
262 Beacon

Baker, R. L., r.p. *N.* 1943
603 Mayer Bldg., Portland, Oreg.

BAKER, WILLIAM H., a.p.
M. G. H.

Baker, William J., *W.S.* 1943
1071 Brush Hill Rd., Milton

BALAZS, E. A., biochem. *Oph.*
Mass. E. & E. Inf.

BALBONI, G. M., hon. p. 20 Prince

BALBONI, V. G., a.p. (*W.M.* 1942)
101 Bay State Rd.

BALCH, F. G., hon. s. (*W.S.* 1893)
109 Moss Hill Rd., Jamaica Plain

BALCH, F. G., Jr., *Bd. of Cons.* (*E.S.* 1925) 1180 Beacon, Brookline

Balfour, D. C., Jr., *E.M.* 1943
Mayo Clinic, Rochester, Minn.

BALLANTINE, H. T., Jr., assoc. v.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 M. G. H.

BALLARD, F. B., Jr., a.r.p. M. G. H.

Bally, P. R., a.r.p. 1956
Peter Bent Brigham Hosp.

Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 86 Dodge, Beverly

Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough

Banker, Betty Q., a.r.p. *N.P.* 1954
Boston City Hosp.

Banks, H. H., a.r.s. *Or.* 1952
416 Marlborough;
Peter Bent Brigham Hosp.

Banks, R., Jr., *E.S.* 1943
143 Erie Ave., Decatur, Ga.

Barber, T. M., *E.M.* 1923
532 Med. Arts Bldg.,
Charleston, W. Va.

BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.

BARKER, R. H., assoc. obst. (*W.S.* 1937) 1101 Beacon, Brookline

Barlow, J. J., r.p. 1955
c/o Dr. Alexander Kellie,
Middlesex Hosp., London, England

BARNES, B. A., a. *S.* (*W.S.* 1945); a.r.s. 1952 M. G. H.

Barnett, C. G., *M.* 1954
2506 Green, San Francisco, Calif.

Barnett, T. B., *M.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.

BARNEY, J. D., hon. s. (*E.S.* 1905)
412 Beacon

BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon,
Brookline

BARR, J. S., c. *Or.* (*Or.* 1929)
M. G. H.

Barretto, O. de F., *An.* 1944
Rua Armando Penteado 356
(Pacaembú), Sáo Paulo, Brasil

Barrow, D. W., *E.S.* 1937
348 Central Bank Bldg.,
Lexington, Ky.

Barrows, L. J., r.p. *N.* 1952; r.p. *N.P.* 1953
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.

BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 330 Dartmouth

BARRY, RICHARD M., a.r.p.
M. G. H.

BARRY, RT. REV. ROBERT P., *Trustee* 71 Warner, W. Somerville

BARRY, ROY J., r.p. *R.* M. G. H.

Barss, T. P., a.r.p. *An.* 1950
Good Samaritan Hosp., Lexington, Ky.

BARTH, T. A., a.r.s. *Or.* M. G. H.

BARTLETT, M. K., v.s. (*W.S.* 1931)
264 Beacon

Bartlett, W. M., *C.M.* 1927
125 Michigan Ave., Decatur, Ga.

Barton, L. G., Jr., *E.S.* 1914
132 Court, Plattsburg, N. Y.

Bate, J. T., r.s. *U.* 1925
332 W. Broadway, Louisville, Ky.

Batt, R. C., r.p. *R.* 1940
206 Glen, Glens Falls, N. Y.

BAUE, A.E., a.r.s. (*S.* 1955) M. G. H.

*Bauer, F. L., *Path.* 1941
Rodriguez Army Hosp., APO 851,
c/o Postmaster, New York, N. Y.

BAUER, W., c. *M.*; r.p. *W.M.* 1927
M. G. H.

Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946 2025 Shore Blvd.,
Astoria, Long Island, N. Y.

Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936 520 Commonwealth Ave.

BECK, P., a. *Oph.* 142 Court,
Portsmouth, N. H.

Bedell, W. C., *E.S.* 1945
168 S. Cherry, Poughkeepsie, N. Y.

BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.

Beeman, C. B., *Path.* 1934
16 Monroe Ave., N. E.,
Grand Rapids, Mich.

BEETHAM, W. P., s. *Oph.*
108 Bay State Rd.

BEHRINGER, G. E., a. *S.* (*W.S.* 1946); a.r.s. 1952 266 Beacon

BELL, E., assoc. biol. *N.S.* M. G. H.

Bell, G. O., *W.M.* 1936
321 Crafts Rd., Newton

Bell, John F., *Or.* 1941
288 Main, Burlington, Vt.

Bell, John W., *E.S.* 1946
Vet. Adm. Hosp., Sunmount, N. Y.

*Not in States and Cities section of this Directory

BELLINGER, M. J., clin. assoc. *S.*
114 Waltham, Lexington;
270 Commonwealth Ave.

BENDA, C. E., a. psychiat.
111 Pleasant, Arlington

Bendheim, O. L., *W.M.* 1938
1515 N. 9th, Phoenix, Ariz.

BENDIXEN, H. H., a. an. M. G. H.

BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.

BENEDICT, PATRICIA H., a. *M.*
264 Beacon

Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951 3020 Washington, San Francisco, Calif.

Bennett, C. B., *Or.* 1923
1122 University Ave., Berkeley, Calif.

BENNETT, DORIS R., clin. assoc. *C.M.* (*C.M.* 1951); a.r.p. *C.M.* 1952 33 Southgate Pk., W. Newton

Bennett, Lillian F., *C.M.* 1946
Johns Hopkins Hosp., Baltimore, Md.

Bennett, W., *M.* 1948; a.r.p. 1949
New Eng. Center Hosp.

BENSON, J. A., Jr., a. *M.* M. G. H.

BERENBERG, W., cons. *C.M.*
Children's Med. Center

Berg, H. W., r.p. *D.* 1936
75 Willett, Albany, N. Y.

BERG, R. L., assoc. p. (*M.* 1944); c.r.p. 1950 M. G. H.

Berkheimer, G. A., r.s. *Or.* 1941
112 State, Harrisburg, Pa.

Berkley, H. K., *C.M.* 1916
153 S. Lasky Dr., Beverly Hills, Calif.

Berlow, S., *C.M.* 1951; c.r.p. *C.M.* 1954 1513 E. Capitol Dr., Milwaukee, Wis.

Bernstein, N. R., a.r.p. *Psychiat.* 1954
270 Commonwealth Ave.

Bickley, D. W., *W.M.* 1936
318 W. 4th, Waterloo, Iowa

Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949
203 State, Portland, Maine

Bienvenu, L. J., a.r.p. *D.* 1951
1426 Elm, Manchester, N. H.

Bigelow, F. S., *E.M.* 1943; a.r.p. 1947
Vet. Adm. Hosp., W. Roxbury

Billig, H. E., Jr., *Or.* 1935
Billig Clinic, Los Angeles, Calif.

BINGER, C. A. L., *Bd. of Cons.* (*E.M.* 1915) 21 Lowell, Cambridge

Binion, J. T., *M.* 1953; a.r.p. 1954
National Inst. of Health, Bethesda, Md.

BIRD, K. T., a. *M.* (*M.* 1944)
5 Bay State Rd.

Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg., Omaha, Nebr.

Bishop, R. C., *M.* 1945; a.r.p. 1949
Simpson Memorial Inst., Ann Arbor, Mich.

Bixby, H. I., *W.S.* 1924
21 Park, Attleboro

BLACK, P. H., a.r.p. (*M.* 1957) M. G. H.

BLADE, W. R., a.r.p. *R.* M. G. H.

Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.

BLAND, E. F., p. (*E.M.* 1929) M. G. H.

BLANK, I. H., assoc. biochem. *D.* M. G. H.

Bliss, H. A., *M.* 1945; a.r.p. 1947
4 W. Clearfield Rd., Havertown, Pa.

Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio

BLODGETT, F. M., p. *C.M.* (*C.M.* 1946); c.r.p. *C.M.* 1950 M. G. H.

Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.

BLOM, G. E., assoc. psychiat. M. G. H.

Bloomberg, W., r.p. *N.* 1931
Cushing Vet. Adm. Hosp., Framingham

Bloomer, E., *E.S.* 1917
22340 Michigan Ave., Dearborn, Mich.

BLOOMFIELD, D. K., r.p. M. G. H.

Blunden-Morris, Dulcie E., a.r.p. *An.* 1953 306 Patterson Ct., Takoma Pk., Md.

BOCK, A. V., *Bd. of Cons.* (*W.M.* 1917); sr.h.p. *W.M.* 1924
13 Holyoke, Cambridge

Boger, W. P., a.r.p. 1942
Box 236, West Point, Pa.

Boller, C., *E.M.* 1929
276 Dorchester Rd., Rochester, N. Y.

BONNER, FRANCES J., a. *Psychiat.*
127-A Bay State Rd.

Boone, J. A., *C.M.* 1934
Med. Coll. of South Carolina, Charleston, S. C.

Borden, R. P., *W.S.* 1914
52 Main, New Britain, Conn.

BORUCHOFF, S. A., a. *Oph.*
192 Bay State Rd.

Bosco, H. F., *Dn.* 1946
319 Commonwealth Ave., New Britain, Conn.

Bost, F. C., *Or.* 1929
384 Post, San Francisco, Calif.

Boutwell, H. K., *E.M.* 1905
15 Green, Brookline

Bowden, L., *E.S.* 1941; a.r.s. 1942
863 Park Ave., New York, N. Y.

Bowditch, H., *W.M.* 1911
44 Harvard Ave., Brookline

BOWER, W. H., psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1949
McLean Hosp., Waverley

Boyd, H., *C.M.* 1922
935 Main, Manchester, Conn.

Boyden, A. M., *W.S.* 1934
1216 S. W. Yamhill, Portland, Oreg.

Boyes, J. H., *Path.* 1930
1401 S. Hope, Los Angeles, Calif.

Boylston, B. F., sr.r.s. *Or.* 1950
5215 S. Main, Houston, Tex.

BRACE, L. D., *Trustee* 67 Milk

BRACONIER, H. E., a.s. *Oph.*
1180 Beacon, Brookline

BRAILEY, A. G., assoc. p. (*E.M.* 1930) 1180 Beacon, Brookline

BRAMAN, CONSTANCE L., a. to gen. dir. *P.H.* (*S.N.* 1932) M. G. H.

Brannon, L. C., r.s. *N.S.* 1955
U. S. Naval Hosp., Philadelphia, Pa.

BRATT, H. A., a.dn.s.
8 Belgrade Ave., Roslindale

Braudo, J. L., a.r.p. *C.M.* 1953
Children's Med. Center

BRAZELTON, T. B., assoc.p. *C.M.*; a.r.p. *C.M.* 1947 51 Brattle, Cambridge

BRAZIER, MARY A. B., neurophysiol. *N.* M. G. H.

BREED, F. B., a. *Oph.*
3 Winter, Salem

BREER, R. D., a.r.p. *C.M.* M. G. H.

Brendler, S., sr.r.s. *N.S.* 1953
Walter Reed Hosp., Washington, D. C.

Brenizer, A. G., Jr., *W.S.* 1942; r.s. 1944 1425 Elizabeth Ave., Charlotte, N. C.

Brent, R. L., *C.M.* 1955
Grad. Sch. of Walter Reed Hosp., Washington, D. C.

Breslin, J. E., *C.M.* 1938
74 North, Pittsfield

BRESLOW, A., a.r.p. *Path.* M. G. H.

Brewster, H. H., *W.M.* 1940
University Hosp., Cleveland, Ohio

Brewster, W. R., Jr., a.r.p. *An.* 1950 M. G. H.

BRICKLEY, W. J., cons. *Forensic Path.* 524 Commonwealth Ave.

Bridge, E. M., *C.M.* 1927
Johns Hopkins Hosp., Baltimore, Md.

Brigham, F. G., *E.M.* 1910
27 Devon Rd., Chestnut Hill

Brindley, C. O., *M.* 1950
Mayo Foundation, Rochester, Minn.

Brock, B. L., *C.M.* 1923
Waverly Hills, Ky.

BROCKHURST, R. J., a. *Oph.* (*M.* 1948) 327 Charles

BRODERICK, T. F., Jr., a.s. *Or.*; sr.r.s. *Or.* 1947
1265 Beacon, Brookline

Brooks, P. T., *E.S.* 1943; a.r.s. 1949
Walla Walla Clinic, Walla Walla, Wash.

Broome, R. A., Jr., *M.* 1944
3 W. Columbia, Orlando, Fla.

Brown, C. S., a.r.p. *D.* 1952
8218 Wisconsin Ave., Bethesda, Md.

Brown, F. Bert, *Or.* 1937
612 Drayton, Savannah, Ga.

BROWN, F. HAROLD, acting an. (*McL.*)
665 Great Plain Ave., Needham

BROWN, J. F., an. (*E. & E.*)
Mass. E. & E. Inf.

Brown, Lloyd, *N.S.* 1938
341 Highland, Milton

Brown, Lloyd T., *S.S.* 1908
Murray Lane, Harvard

BROWN, MADELAINE R., n.
264 Beacon

BROWN, N. K., a.r.p. (*M.* 1957) M. G. H.

Brown, Ralph G., *Path.* 1942
722 Prospect Ave., Winnetka, Ill.

Brown, Robert H., *E.S.* 1944; j.r.s. 1945 28 High, Sharon

Brown, Robert K., *W.S.* 1939; r.s. 1942 1624 Gilpin, Denver, Colo.

BROWN, T., a.s. *Or.*; r.s. *Or.* 1949 M. G. H.

BROWN, W. J., Jr., a.r. M. G. H.

BROWNELL, G. L., assoc. physicist *M.* M. G. H.

BROWNSBERGER, C. N., a.r.p. M. G. H.

Brues, A. M., *E.M.* 1932
Univ. of Chicago, Chicago, Ill.

Buchanan, R. N., Jr., r.p. *D.* 1941
706 Church, Nashville, Tenn.

BUCHANAN, W. R., Jr., r.p. *C.M.* (*C.M.* 1955) M. G. H.

BUCHER, NANCY L. R., assoc. biol. *M.* M. G. H.

Bull, E. C., *Or.* 1917
384 Post, San Francisco, Calif.

Bullard, C. W., *W.S.* 1918
194 High, Newburyport

BULLINGTON, S. J., a. *Oph.*
1180 Beacon, Brookline

Bullwinkel, B., *S.* M. G. H.

BUNKER, J. P., assoc. an. (*E.S.* 1946); a.r.p. *An.* 1950 M. G. H.

BURBANK, C. B., a.s. (*W.S.* 1939); r.s. 1942
94 Pleasant, Arlington;
270 Commonwealth Ave.

BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935
151 Kent, Brookline

BURKE, J. F., r.s. (*S.* 1952) M. G. H.

Burland, G. R., a.r.s. 1953
Olds, Alberta, Canada

Burnett, C. H., c.r.p. 1946
Sch. of Med., Univ. of North Carolina, Chapel Hill, N. C.

Burnett, F. L., *S.S.* 1908
520 Commonwealth Ave.

Burns, E. M., r.p. *Psychiat.* 1935
2222 N.W. Lovejoy,
Portland, Oreg.

BURRAGE, WALTER S., *Bd. of Cons.* (*E.M.* 1927) 330 Dartmouth

Burrage, William C., *E.M.* 1941; a.r.p. 1946 57 Deering, Portland, Maine

Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949 507 Main, Worcester

Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921 416 Marlborough

Bush, R. D., *W.S.* 1943
203 Commonwealth Ave.

BUTLER, A. M., c. *C.M.* M. G. H.

Buttles, R. V., r.p. *Path.* 1950
Heaton Hosp., Montpelier, Vt.

Byers, R. K., *E.M.* 1923
Children's Med. Center

Byrnes, R. L., a.r.p. *Path.* 1954
Memorial Hosp., New York, N. Y.

CAIN, A. J., a. psychiat. (*McL.*)
McLean Hosp., Waverley

Calhoun, F. P., Jr., *E.M.* 1938
540 Peachtree Battle Ave.,
Atlanta, Ga.

CALKINS, E., a.p.; c.r.p. 1952
74 Webster Rd., Weston

CAMERON, H. S., sr.r.s. *Or.* M. G. H.

Campbell, C. R., r.p. *Path.* 1955
Peninsula Hosp., Burlingame, Calif.; Mills Memorial Hosp., San Mateo, Calif.

Campbell, J. L., r.p. *An.* 1940
806 Republic Bldg., Denver, Colo.

CANER, G. C., *Bd. of Cons.* (*W.M.* 1924) 63 Marlborough

Canlas, B. D., Jr., r.p. *Path.* 1956
Coll. of Med., Univ. of the Philippines, Manila, P. I.

CANNON, B., assoc. v.s.
330 Dartmouth

Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946 365 W. Doran, Glendale, Calif.

Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941 220 S. Virginia, Reno, Nev.

Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938 130 N. Virginia, Reno, Nev.

CAPLAN, G., assoc. psychiat.
93 Fresh Pond Parkway, Cambridge; Harvard Sch. of Public Health

Capland, L., r.p. *D.* 1940
541 Lincoln Rd., Miami Beach, Fla.

Capps, J. A., *E.M.* 1896
1215 E. 56th, Chicago, Ill.

Capps, R. B., *C.M.* 1931 and *E.M.* 1933 122 S. Michigan Ave., Chicago, Ill.

Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949 Cincinnati Gen. Hosp., Cincinnati, Ohio

Carey, J. M., *W.S.* 1946
76 Miami Ave., Newington, Conn.

Carmichael, Miriam W., a.r.p. *N.* 1956 M. G. H.

Carmody, J. T. B., a.r.s. *N.S.* 1936
65 Elm, Worcester

CARNES, H. A., a. oral s.
29 Bay State Rd.

CARNEY, H. J., a. oral s.
395 Commonwealth Ave.

Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944
420 E. 59th, New York, N. Y.

CARROLL, W. J. E., s. *Otolar.*
5 Chestnut, Arlington

Carson, P. C., r.s. *Or.* 1940
38 School, Springfield

CARTER, E. L., a.r.s. (*S.* 1954) M. G. H.

CARTER, F., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1948
51 Brattle, Cambridge

Carter, G. H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948
26 Farrar, Cambridge

Carter, R. R., r.p. *N.* 1942
553 Med. Arts Bldg., Portland, Oreg.

Cascario, N., Jr., *Dn.* 1944
36 N. 1st, Bangor, Pa.

Case, C. T., *W.S.* 1943
1424 Genesee, Utica, N. Y.

CASS, J. W., Jr., a.p. (*W.M.* 1931)
1101 Beacon, Brookline

CASTEN, V. G., s. *Oph.* (*N.* 1929)
412 Beacon

Castle, W. B., *E.M.* 1923
Boston City Hosp.

CASTLEMAN, B., c. *Path.* (*Path.* 1932); r.p. *Path.* 1935 M. G. H.

Catterson, L. F., *C.M.* 1924
107½ High Ave., Oskaloosa, Iowa

CAVANAUGH, T., a.s. *Oph.*
395 Commonwealth Ave.

CAVE, E. F., v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) 264 Beacon

Cecil, L. McF., *M.* 1950
University Hosp., Ann Arbor, Mich.

CERRATO, C. M., a.s. *Otolar.*
15 Bay State Rd.

CHAFETZ, M. E., a. psychiat.
31 Bay State Rd.

Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921
1136 W. 6th, Los Angeles, Calif.

Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 23 E. 79th, New York, N. Y.

Chamberlin, H. R., *C.M.* 1949
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

CHANDLER, P. A., s. *Oph.*
5 Bay State Rd.

Chapin, L. D., *E.M.* 1908
20 Maple, Springfield

Chaplin, H., Jr., *M.* 1948; r.p. 1950
Hammersmith Hosp., London W.12, England

Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 Box 343, Rochester, Minn.

CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 330 Dartmouth

CHAPMAN, R. B., a. *Oph.*
743 High, Dedham

Charash, L. I., a.r.p. *C.M.* 1952
87 Webster, Irvington, N. J.

Chase, J. S., *E.S.* 1940
141 W. Elm, Brockton

CHASEN, MIGNON C., a. *Psychiat.* (*McL.*) 147 Samoset Ave., Quincy

Cheer, Sheo-Nan, *E.M.* 1922
National Central Univ., Nanking, China

Cheney, M. C., *W.M.* 1918
2560 Bancroft Way, Berkeley, Calif.

Chernoff, A. I., *M.* 1948
120 Dwight, New Haven, Conn.

CHISHOLM, J. F., Jr., a.s. *Oph.*
Mass. E. & E. Inf.

Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938 Vermont State Hosp., Waterbury, Vt.

Christensen, W. R., *W.M.* 1943
Salt Lake County Gen. Hosp., Salt Lake City, Utah

Christenson, W. N., *M.* 1949; a.r.p. 1950
Postgraduate Med. Sch., Du Cane Rd., London W. 12, England

CHRISTMAN, G., a. oral s. (*Dn.* 1951); a.r.s. *Dn.* 1952
403 Commonwealth Ave.

CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.

CHUTE, R., *Bd. of Cons.* (*E.S.* 1929) Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

Ciano, J. F., *Dn.* 1954
350 Hancock, Quincy

Claiborne, T. S., *W.M.* 1934
384 Peachtree, Atlanta, Ga.

Clapp, S., *N.S.* 1939
1926 W. Superior, Duluth, Minn.

CLARK, DEAN A., gen. dir. M.G.H.

Clark, DeWitt S., Jr., *E.S.* 1915
2 Oliver, Salem

Clark, G. O., *E.S.* 1904
"Chailey", Newburyport

CLARK, J. G., Jr., r.p. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1955
McLean Hosp., Waverley

CLARK, L. D., a. psychiat. (*M.* 1948); r.p. *Psychiat.* 1950 M. G. H.

Clark, M. M., *Or.* 1928
38 N. Goodman, Rochester, N. Y.

Clark, N. H., *W.M.* 1905
286 River Ave., Holland, Mich.

CLARK, R. J., assoc. p. (*W.M.* 1933)
15 Dix, Winchester

Clark, S. L., Jr., *M.* 1950
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.

Clarke, B. G., *E.M.* 1943
Pratt Diagnostic Clinic

CLAY, C. L., a.dir. M. G. H.

CLEMENS, J. B., admin. a. M. G. H.

Clement, J. D., Jr., *W.S.* 1944
77 Essex, Bangor, Maine

Clement, S. P., Jr., *M.* 1956
1266 4th, Sarasota, Fla.

CLIFFORD, M. H., assoc. p.; a.r.p. 1935 New Eng. Life Ins. Co.

CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) 1101 Beacon, Brookline

Cline, H. S., a.r.p. *Psychiat.* 1956
416 Marlborough

Cline, J. W., Jr., *E.S.* 1927
490 Post, San Francisco, Calif.

CLOUGH, J. M., a.s. *Oph.*
101 Bay State Rd.

Clowes, G. H. A., Jr., a.r.s. 1948
Cleveland City Hosp., Cleveland, Ohio

Cobb, C. A., Jr., r.p. *N.* 1948
Vanderbilt Med. Sch., University Hosp., Nashville, Tenn.

COBB, S., *Bd. of Cons.;* cons. psychiat. (*McL.*) M. G. H.

Cobbs, B. W., Jr., *M.* 1953; r.p. 1955
M. G. H.

Cochran, William D., a.r.p. *C.M.* 1954
Children's Med. Center

COCHRAN, WILLIAMS, clin. assoc. *Or.* 266 Beacon

Coe, R. C., *S.* 1951; r.s. 1955
1115 Columbia, Seattle, Wash.

COGAN, D. G., s. *Oph.* and dir. Howe Lab. Mass. E. & E. Inf.

Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.

COGSWELL, THELMA B., exec. a. *M.G.H. Clin.* (*S.N.* 1926) M. G. H.

COHEN, A., a.p. *C.M.*
1093 Beacon, Brookline

Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.

Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center

COHEN, M. E., a.n.; a.r.p. *Psychiat.* 1936 M. G. H.

COHEN, R. B., a. path.; r.p. *Path.* 1953 M. G. H.

Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.

Cohn, Z. A., *M.* 1954; a.r.p. 1955
M. G. H.

COLBY, F. H., *Bd. of Cons.* (*W.S.* 1920) 262 Beacon

Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.

COLE, E. M., n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*) 412 Beacon

COLES, M. R., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1956
McLean Hosp., Waverley

Coley, Mary S., *C.M.* 1955 M. G. H.

Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915 University Hosp., Ann Arbor, Mich.

COLLINS, D. L., Jr., a.r.s. (*S.* 1955) M. G. H.

Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.

Collins, Herschel D., *M.* 1953; r.p. 1955 8 N. Main, Caribou, Maine

Collins, R., *E.S.* 1933
202 W. Glendale Ave., Alexandria, Va.

COLLINSON, A. W., a.s. *Oph.*
226 Bay State Rd.

Colokathis, P., a.r.s. *Or.* 1954
967 Elm, Manchester, N. H.

Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch., Halifax, Nova Scotia, Canada

Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne, Victoria, Australia

Colwell, H. S., *E.M.* 1916
158 Whitney Ave., New Haven, Conn.

Comly, H. H., *C.M.* 1944
951 E. Lafayette, Detroit, Mich.

Compton, D. W., r.p. *An.* 1946
Route 2, Box 6648, Issaquah, Wash.

Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.

Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave., Milwaukee, Wis.

CONNELLY, J. P., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.

Conrad, Elizabeth, a.r.p. *C.M.* 1945
409 Reynolds Bldg., Winston-Salem, N. C.

CONSTABLE, J. D., a.r.s. (*S.* 1953) M. G. H.

Cook, C. D., a.r.p. *C.M.* 1949
Boston Lying-in Hosp.

Coolidge, J.C., *C.M.* 1945
12 Orchard Rd., Belmont

Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.

Coombs, F. S., a.r.p. 1937
803 Home Savings and Loan Bldg., Youngstown, Ohio

Coons, A. H., *E.M.* 1939
949 Canton Ave., Milton

Cooper, L. F., *W.M.* 1928
2222 Q, N. W., Washington, D. C.
COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932 M. G. H.
Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.
COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington
COTTER, W. C., r.p. *N.P.*; r.s. *N.S.* 1956 M. G. H.
Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave.
Cozen, L., *Or.* 1938
2007 Wilshire Blvd., Los Angeles, Calif.
CRABTREE, H. H., hon.s. (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919
412 Beacon
Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950 address unknown
Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp., Chapel Hill, N. C.
Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.
Crawford, E. S., *E.S.* 1947; r.s. 1954
Baylor Univ. Coll. of Med., Houston, Tex.
Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932 35 Chestnut, Rochester, N. Y.
CRAWFORD, J. D., p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949 M. G. H.
CROCKETT, D. C., assoc. dir. *Resources and Development* M. G. H.
Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa
Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.
CRONIN, T. P., a. *Oph.*
94 Pleasant, Arlington; 101 Bay State Rd.
CRONKHITE, L. W., Jr., a. *M.* (*M.* 1950); r.p. 1953 M. G. H.
Crothers, B., *W.M.* 1911
Children's Med. Center
CROWLEY, C. W., a.dn.s.
8 Newbury
Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 1110 Harvard Ave., Seattle, Wash.
Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.
Culver, G. A., a.r.p. *An.* 1950
Box 17039, Houston, Tex.
CULVER, P. J., a.p. (*E.M.* 1942) M. G. H.
Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950 Westwood
CUMMINS, LORETTA J., hon.p.
412 Beacon
Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.
CURRENS, J. H., a. *M.* M. G. H.
Currie, R. A., *S.* 1950; a.r.s. 1954
2818 Virginia Rd., Augusta, Ga.
CURTIN, R. R., a.r.s. (*S.* 1953) M. G. H.
Cusick, L. F., *E.S.* 1906
168 Willow Rd., Nahant
Cutler, G. D., *E.S.* 1912; h.s. 1913
319 Longwood Ave.
Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.
DAFFINEE, R. W., clin. assoc. *C.M.* (*C.M.* 1930); r.p. *C.M.* 1931
8 Porter, Melrose
Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon
D'Alessandro, G. L., a.r.p. *An.* 1950
275 Forest Ave., Glen Ridge, N. J.
DALRYMPLE, W., a. *M.* (*M.* 1947)
93 Livingston Rd., Wellesley
Dalton, J. E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.
DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.
DAMIANI, C. R., a. *D.*; r.p. *D.* 1946
16 Norwich, Worcester
Damon, A., *M.* 1952
Constitution Lab., Columbia-Presbyterian Med. Center, New York, N. Y.
DANIELS, E. M., psychiat. (*McL.*)
McLean Hosp., Waverley
Dann, D. S., h.p. *R.* 1922
410 Professional Bldg., Kansas City, Mo.
DARLING, R. C., Jr., a.r.s. (*C.M.* 1954) M. G. H.
d' Autremont, C. C., r.p. *N.* 1948
82 Marlborough
DAVID, J. R., a.r.p. (*M.* 1956) M. G. H.
David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.

Davidson, W. D., *Or.* 1933
3115 E. Blackford Ave., Evansville, Ind.

DAVIES, J. A. V., *Bd. of Cons.*
319 Longwood Ave.

DAVIES, SYLVIA A., r.p. *C.M.* M. G. H.

Davis, A. G., *Or.* 1922
716 Sassafras, Erie, Pa.

Davis, B. M., a.r.s. *W.S.* 1942
USPHS, Washington, D. C.

Davis, J. M., *S.* 1948; a.r.s. 1952
2720 Park, Jacksonville, Fla.

DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
51 Brattle, Cambridge

Dawson, C. W., *Or.* 1936
150 E. Broad, Columbus, Ohio

DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave.

DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950 303 Dodge Ave., New Orleans, La.

DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932) 266 Beacon

DeCLERQUE, G., admin. a. M. G. H.

DEGEN, J. W., a. dir. M. G. H.

DeGROOT, L. J., r.p. M. G. H.

DeLORME, T. L., a. *Or.*; sr.r.s. *Or.* 1955 234 Marlborough

d'Elseaux, F. C., *W.M.* 1929
37 Marlborough

de MARNEFFE, F. L. A., assoc. psychiat. (*McL.*); a.r.p. *Psychiat.* 1952 McLean Hosp., Waverley

DEMING, RUTH, exec. a. *M. G. H. Clin.* (*S.N.* 1925) M. G. H.

DEMPSEY, P. A., dn.s.
56 Melville Ave., Dorchester

Dennie, C. C., *D.* 1914
1103 Grand Ave., Kansas City, Mo.

Denton, Jane E., *M.* 1946; a.r.p. 1946
Cushing Vet. Adm. Hosp., Framingham

DePRIEST, O. S., III, a.r.s. (*S.* 1955) M. G. H.

Derby, J. P., *Or.* 1925
20 Maple, Springfield

Derow, H. A., *Path.* 1928 520 Beacon

Derow, S., *Path.* 1931
925 Centre, Newton Centre

Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941
25 Maple, Springfield

DeSanctis, R. W., *M.* 1956
219 E. 2nd, Tucson, Ariz.

Detwiler, Robert C., a.r.s. *Or.* 1956
264 Beacon

Detwiler, Robert H., *C.M.* 1940
3120 N. 13th, Arlington, Va.

DEUTSCH, HELENE, *Bd. of Cons.*
44 Larchwood Dr., Cambridge

Dewey, E. B., *E.S.* 1921
Thatcher Med. Center, 960 E. Green, Pasadena, Calif.

DeWILDE, H., a.dn.s.
188 Longwood Ave.

DEXTER, C. J., clin. assoc. *S.*
51 Brattle, Cambridge

Dexter, R., *E.M.* 1906
1422 Euclid Ave., Cleveland, Ohio

DIAMOND, L. K., cons. *C.M.*
Children's Med. Center

DICKERSIN, G. R., a.r.p. *Path.* M. G. H.

Dickson, Carol C., *M.* 1948; *C.M.* 1949 1 University Pl., New York, N. Y.

DICKSON, W. A., assoc. p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947
266 Beacon

DIENES, L., cons. b. M. G. H.

Dillon, V. M., *Or.* 1932
490 Post, San Francisco, Calif.

Diner, Wilma Canada, a.r.p. *Path.* 1951; r.p. *R.* 1954
6104 Brentwood Rd., Little Rock, Ark.

DITMORE, H. B., Jr., a.r.s. (*S.* 1954) M. G. H.

Dodd, R. B., a.r.p. *An.* 1950
127 Washington, Allston

DODGE, P. R., a.n. M. G. H.

Dodge, R. S., a.r.s. *Or.* 1946
402 Dillingham Bldg., Honolulu, T. H.

Dodson, L. C., r.s. *P.H.* 1932
330 Allen, Owensboro, Ky.

Dohan, F. C., a.r.p. 1935
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

Doisy, E. A., Jr., *M.* 1945
St. Louis Univ. Med. Sch., St. Louis, Mo.

Dole, K. L., *E.S.* 1917
47 E. Vine, Redlands, Calif.

Dole, V. P., Jr., *E.M.* 1941
Rockefeller Inst. Hosp., New York, N. Y.

Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp., Burlington, Vt.

DONAHUE, H. C., assoc. s. *Oph.*
520 Commonwealth Ave.

Donald, J. H., *M.* 1947; a.r.p. 1948
1545 W. Colorado Blvd., Dallas, Tex.

DONALDSON, D. D., a. *Oph.* Mass. E. & E. Inf.

DONALDSON, G. A., assoc. v.s. (*E.S.* 1938); r.s. 1942 266 Beacon

DONNER, R., a.r.p. *Path.* M. G. H.

DONOVAN, J. F., sr. r.s. *Or.* M. G. H.

DORNFELD, R. E., admin. a. M. G. H.

DRACHMAN, D. A., a.r.p. *N.* M. G. H.

Drake, E. H., a.r.s. 1945 18 Branhall, Portland, Maine

Drake, T. G., a.r.p. 1937 4515 Lindell Blvd., St. Louis, Mo.

Dresel, R. L., *Or.* 1921 450 Sutter, San Francisco, Calif.

Drewry, G. R., *M.* 1953 994 Sumner Ave., Springfield

Dreyfus, P. M., r.p. *N.* 1955 M. G. H.

DREYFUSS, J. R., a.r. M. G. H.

DROOKER, J. C., assoc. s. *Otolar.* 20 Charlesgate West

Dudley, H. R., Jr., *M.* 1953; a.r.p. *Path.* 1954 M. G. H.

Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon

DUGGAN, J. A., a. *C.M.* 713 Pleasant, Worcester

Dulin, J. W., *Path.* 1933 University Hosp., Iowa City, Iowa

DUNCAN, C. J., a.obst. 1101 Beacon, Brookline

Dunn, E., a.r.s. 1956 Vet. Adm. Hosp., Syracuse, N. Y.

Dunn, Fa-Chi, a.r.p. *D.* 1954 280 W. MacArthur Blvd., Oakland, Calif.

Dunn, W. M., *E.S.* 1912 address unknown

DUNPHY, E. B., c. *Oph.* Mass. E. & E. Inf.

Durno, E. R., *E.S.* 1929 7 S. Central Ave., Medford, Oreg.

D'Urso, J. J., r.p. *D.* 1944 301 Essex, Lawrence

DuTOIT, C. H., assoc. p. (*W.M.* 1943); c.r.p. 1949 M. G. H.

DUXBURY, J. H., a.r.s. *U.* M. G. H.

Dwight, R. W., *W.S.* 1931 Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

DWYER, J. H., r.p. *Psychiat.* (*McL.*); a.r.p. *C.M.* 1956 McLean Hosp., Waverley

DYER, E. C., clin. assoc. *C.M.* 1180 Beacon, Brookline

EASTON, M. T., assoc.s. *Oph.* 1180 Beacon, Brookline

Edelman, G. M., *M.* 1955 132-34 Cross Bay Blvd., Ozone Park, N. Y.

Edgelow, A. F. G., *W.S.* 1921 76 Maple, Springfield

Edmonds, H. W., r.p. *Path.* 1942 909 University, Seattle, Wash.

Edmunds, L. H., Jr., *S.* M. G. H.

Edsall, G., *E.M.* 1936 36 Follen, Cambridge

Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama, Birmingham, Ala.

Egel, N., r.s. *Or.* 1938 917 Stella Ave., Plainfield, N. J.

Egloff, F. R. L., r.p. *Psychiat.* 1951 1007 Farmington Ave., W. Hartford, Conn.

Ehrenkranz, N. J., *M.* 1950; r.p. 1954 M. G. H.

Eiseman, B., *E.S.* 1943 Vet. Adm. Hosp., Denver, Colo.

ELDREDGE, L. L., Jr., a.p. *C.M.*; a.r.p. *C.M.* 1951 215 Main, Hingham

Eliel, L. P., *E.M.* 1942 Oklahoma Med. Res. Inst., Oklahoma City, Okla.

Ellery, S. W., *E.S.* 1943 923 Rosewell Ave., Long Beach, Calif.

Elliot, H. L., r.p. *An.* 1942 479 Beacon, Manchester, N.H.

Elliott, J. A., Jr., *M.* 1945 1012 Kings Dr., Charlotte, N. C.

ELLIS, D. S., assoc. p. (*E.M.* 1941) 1101 Beacon, Brookline

Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952 110 S. Oakley, Columbus, Ohio

Ellis, L. B., *E.M.* 1928 319 Longwood Ave.

Elrick, H. E., *M.* 1944; a.r.p. 1947 1055 Clermont, Denver, Colo.

EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942 270 Commonwealth Ave.

Emerson, K., *E.S.* 1902 721 Huntington Ave.

Emerson, W. J., a.r.p. *Path.* 1947 Box 269, Somerville, N. J.

Emmons, A. B., II, *W.S.* 1905 Bay View Estates, Brewster Dr., Indian Rocks, Fla.

ENDEE, C. H., a.dn.s. 6 Marlborough

ENGEL, L. L., assoc. biochem. *M.*
M. G. H.
ENGLAND, A. C., Jr., a. *N.*
115 Bay State Rd.
English, H. S., a.r.p. *N.P.* 1948
1611 Genesee, Utica, N. Y.
Enterline, J. D., *E.S.* 1943; j.r.s. 1944
Box 381, Millwood, Wash.
Eppright, R. H., a.r.s. *Or.* 1955
4520 Rossmoyne, Houston, Tex.
ERNLUND, C. H., s. *Otolar.*
5 Bay State Rd.
ESSEMBER, L. J., a. *C.M.*; a.r.p. *C.M.* 1953
Beverly Hosp., Beverly
Esslinger, J. O., a.r.s. *Or.* 1952
76 W. Adams Ave., Detroit, Mich.
EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913)
Hancock, N. H.
EVANS, M. G., s. *Otolar.*
416 Marlborough
Evans, Richard R., *Path.* 1944
Cleveland Clinic, 2020 E. 93rd, Cleveland, Ohio
EVANS, ROBLEY D., cons. *Physics*
M. I. T., Cambridge
Evans, S. S., *E.S.* 1945; a.r.s. 1950
619 S. Broadway, McAllen, Tex.
Ewell, J. W., *W.M.* 1937
Dept. of Hygiene and Health, Yale Univ., New Haven, Conn.
Ewer, E. G., *Or.* 1936
1624 Franklin, Oakland, Calif.
Exley, M. M., r.s. *U.* 1938
513 Med. Arts Bldg., Norfolk, Va.
Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949
55 E. Washington, Chicago, Ill.
Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947
85 Jefferson, Hartford, Conn.
Fallon, J. T., *C.M.* 1925
Charles V. Chapin Hosp., Providence, R. I.
Fang, H. C. H., a.r.p. *Psychiat.* 1952
Boston City Hosp.
Farmer, D. A., *W.S.* 1943
62 E. Newton
FARNSWORTH, D. L., p. (*W.M.* 1935)
15 Holyoke, Cambridge
Farrell, M. E., *C.M.* 1934
318 Spring Ave., Clarksburg, W. Va.
FARRISEY, CLAIRE G., admin. a. (*R.N.*)
M. G. H.
FARRISEY, RUTH M., exec. o. *M. G. H. Clin.* (*S.N.* 1938)
M. G. H.
Faulkner, J. M., *E.M.* 1925
Med. Dept., M.I.T., Cambridge
Faust, L. W., r.s. *U.* 1924
425 Med. Arts Bldg., Grand Rapids, Mich.
Fawcett, D. W., *W.S.* 1943
H. M. S.
FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
FAXON, N. W., dir. emeritus (*S.S.* 1906)
W. Falmouth
FAY, G. F., a.r.s. *Or.*
M. G. H.
FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough
FEARER, N. H., a.r.p. *C.M.* (*C.M.* 1957)
M. G. H.
Federman, D. D., *M.* 1954; a.r.p. 1955
National Inst. of Health, Bethesda, Md.
FEENEY, F. J., a.dn.s.
444 Essex, Lawrence
Fennell, R. H., Jr., sr.r.p. *Path.* 1949
Elizabeth Steel Magee Hosp., Pittsburgh, Pa.
Ferguson, A. B., Jr., a.r.s. *Or.* 1950
14 Bertwell Rd., Lexington
FERGUSON, E. L., a.r.s. (*S.* 1954)
M. G. H.
FERGUSON, I. A., Jr., a.r.s. (*S.* 1953)
M. G. H.
Ferguson, J. J., Jr., *M.* 1951; r.p. 1955
4855 Westbourne Rd., Lyndhurst, Ohio
FERRIS, B. G., cons. *M.*
Harvard Sch. of Public Health
Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
333 Linwood, Buffalo, N. Y.
Field, J. B., *M.* 1952; r.p. 1954
National Inst. of Arthritic and Metabolic Dis., National Inst. of Health, Bethesda, Md.
FIELD, R. A., a. *M.* (*M.* 1950); c.r.p. 1955
M. G. H.
Finck, A. J., a.r.p. *An.* 1949
39 Somerset Rd., Brookline
Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.
Fine, J., a.r.s. 1927
330 Brookline Ave.
FINESINGER, A. L., a. *Psychiat.*
296 Beacon
Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.

Finley, K. H., *W.M.* 1934; r.p. *N.* 1936 450 Sutter, San Francisco, Calif.

Firminger, H. I., sr.r.p. *Path.* 1947 National Cancer Inst., Bethesda, Md.

Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932 Lahey Clinic

FISHER, C. M., n. and assoc. n.p. M. G. H.

Fisher, Mary S., *M.* 1949 Philadelphia Vet. Adm. Hosp., Philadelphia, Pa.

Fishman, R. A., r.p. *N.* 1950 Neurological Inst., Presbyterian Hosp., New York, N. Y.

Fitch, R. R., *W.M.* 1904 Northeast Harbor, Maine

Fite, E. H., *E.S.* 1926 204 N. 3rd, Muskogee, Okla.

Fitts, J. B., *Or.* 1917 923 W. Franklin, Richmond, Va.

FITZHUGH, G., p. 330 Dartmouth

Flagg, J. A., a.r.p. *An.* 1955 16 White Plains Rd., Trumbull, Conn.

Flanagan, N. B., a.r.p. *Psychiat.* 1940 270 Commonwealth Ave.

Flood, W. E., a.r.p. *D.* 1942 1106 Med. Arts Bldg., Fort Worth, Tex.

Flook, S. E., *Or.* 1940 137 N. Main, Dayton, Ohio

Floyd, C., *W.M.* 1904 246 Marlborough

FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947 377 Essex, Salem

Fogg, N. A., *W.S.* 1918 Rockland, Maine

FOLCH-PI, J., dir. *Sc. Res.* (*McL.*) McLean Hosp., Waverley

Foldes, F. F., r.p. *An.* 1943 Mercy Hosp., Pittsburgh, Pa.

Foley, T. M., *Or.* 1915 1835 Eye, N. W., Washington, D. C.

Folsom, H. F., *W.M.* 1931 198 Union Ave., Framingham

FORBES, A., cons. *Neurophysiol.* Biological Lab., Harvard Univ., Cambridge

FORBES, ANNE P., a.p. M. G. H.

Forbes, Vassilike A.-C., *C.M.* 1956 9 Ware, Cambridge

Ford, A. B., *M.* 1950; a.r.p. 1952 Benjamin Rose Hosp., Cleveland, Ohio

FORNSHELL, R. P., a.r.s. *Or.* M. G. H.

FORRANT, HELEN, exec. a. (*S.N.* 1930) M. G. H.

Fort, F. L., *Or.* 1922 1022 Park, Jacksonville, Fla.

Fortune, C. W., *Or.* 1930 716 Sassafras, Erie, Pa.

FOSS, M. W., clin. assoc. *Dn.* 232 Main, Brockton

FOSTER, F. D., a. dir. M. G. H.

FOSTER, G. S., a. *M.* (*M.* 1952); a.r.p. 1953 1101 Beacon, Brookline

Fowler, C. B., *Or.* 1929 10 Cooper, Santa Cruz, Calif.

Fowler, D. M., *E.S.* 1946 80 Mason Ter., Brookline

Frame, B., *M.* 1949; r.p. 1955 Henry Ford Hosp., Detroit, Mich.

Francis, L., a.r.p. *An.* 1950 202 Magnolia, Piedmont, Calif.

FRANK, T., a. *C.M.*; a.r.p. *C.M.* 1953 38 Alpine, Cambridge

Franseen, C. C., *W.S.* 1932 1180 Beacon, Brookline

Franseen, E. F., j.r.s. *Or.* 1947 146 Chestnut, Springfield

Franz, E. M., a.r.s. *Or.* 1948 85 Grant, Denver, Colo.

FRAZEE, J. R., assoc. s. *Otolar.* 1180 Beacon, Brookline

FRAZIER, C. N., c. *D.* M. G. H.

Frazier, H. S., *M.* 1954; a.r.p. 1955 H. M. S.

FREEDBERG, A. P., clin. assoc. *D.* 360 Essex, Salem

Freedman, H. J., *C.M.* 1928 483 Beacon

Freeman, D. W., *C.M.* 1935 112 N. Burnett Ave., Denison, Tex.

Freeman, G. M., *Dn.* 1946 27 Appleton Pl., Upper Montclair, N. J.

Freeman, N. E., r.s. *W.S.* 1935 490 Post, San Francisco, Calif.

Freeman, W. T., *C.M.* 1922 Biltmore, N. C.

Freiberg, J. A., *Or.* 1926 2939 Vernon Pl., Cincinnati, Ohio

FREINKEL, RUTH K., r.p. *D.* M. G. H.

FREMONT-SMITH, M., *Bd. of Cons.* 12 Hereford

FRENCH, ELIZABETH G., a. *C.M.* 10 Farwell Pl., Cambridge

FREYMANN, J. G., a. *M.* (*M.* 1947); a.r.p. 1951 M. G. H.

Frick, Adelaide H. C., a.r.p. *C.M.* 1946 Roslyn, Long Island, N. Y.

FRIEDLICH, A. L., a.p. (*M.* 1943); r.p. 1948 M. G. H.

Friedman, C. F., *C.M.* 1923
700 Ocean Ave., Brooklyn, N. Y.

Friedman, L. J., *M.* 1956
Mass. Mental Health Center

Fritz, W. F., *M.* 1950; a.r.p. 1951
2 W. University Parkway,
Baltimore, Md.

FROMER, J. L., clin. assoc. *D.*
Lahey Clinic

Frost, Harold M., *W.S.* 1915
501 Boylston

Frost, Horace B., *E.S.* 1897
Hotel Lavonia, Lavonia, Ga.

Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave.,
Washington, D. C.

Fuchs, P., *W.S.* 1942
3a Ave. 7-34,
Guatemala City, Guatemala

Fuldner, R. V., *Or.* 1939
178 Sherman Ave.,
New Haven, Conn.

Fuller, Henry, *W.M.* 1929
210 Hibriten Way,
Lakeland, Fla.

Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health

Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway

Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.

GABUZDA, T. G., a.r.p. (*M.* 1956)
M. G. H.

Gall, E. A., r.p. *Path.* 1937
Cincinnati Gen. Hosp.,
Cincinnati, Ohio

Gamble, C. J., *W.M.* 1922
255 Adams, Milton

Gamble, J. L *W.M.* 1912
Children's Med. Center

Gammon, W. M., *C.M.* 1932
621 Lawrence Ave.,
Bristol, Va.-Tenn.

Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private
Hosp., Johannesburg, South Africa

GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence

Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.

GANZ, R. N., assoc. p. *C.M.* (*C.M.*
1925) 262 Beacon

GARCELON, G. G., clin. assoc. *S.*
701 Washington, Newtonville

GARDELLA, J. W., a. *M.* (*M.* 1945);
a.r.p. 1946 M. G. H.

Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp.,
Toronto, Canada

Gardner, G. E., *C.M.* 1938; r.p. *C.M.*
1939 7 Trapelo Rd., Belmont

Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.*
1947 Coll. of Med.,
State Univ. of N. Y., Syracuse, N. Y.

GARLAND, J., *Bd. of Cons.* (*C.M.*
1919 and *E.M.* 1921)
8 The Fenway

Garran, F. W., Jr., *S.* 1951; a.r.s. 1955
Box 325, Barnstable

GARRETT, J. W. D., assoc. an. (*An.*
1940); r.p. *An.* 1941 M. G. H.

GARREY, W. E., clin. assoc. *S.* (*E.S.*
1933); r.s. 1936
1180 Beacon, Brookline

Garrigues, H. B., *W.S.* 1939; a.r.s.
W.S. 1940 1116 Summit Ave.,
Seattle, Wash.

Garrity, R. W., sr.r.s. *N.S.* 1950
U. S. Naval Hosp.,
San Diego, Calif.

Gashgai, A., *S.* M. G. H.

GASTEIGER, E. L., Jr., assoc. physiol.
N.S. M. G. H.

Gaston, L. W., *M.* 1954; r.p. 1956
University Hosp., Ann Arbor, Mich.

Gates, P. H., r.p. *Psychiat.* (*McL.*)
1942 4 Walnut Ave., Cambridge

GAULD, A. G., assoc. obst. (*E.S.*
1934) 1180 Beacon, Brookline

Gaunt, F. P., *W.S.* 1913
13-A N. Gore Ave.,
Webster Groves, Mo.

GAUTHIER, JACQUELINE, r.p.
Psychiat. (*McL.*); a.r.p. *Psychiat.*
1957 McLean Hosp., Waverley

Gay, L. N., *E.M.* 1918
1114 St. Paul, Baltimore, Md.

Gens, J. P., r.s. *U.* 1943
64 Wall, Norwalk, Conn.

Gentry, R. W., *E.S.* 1943
65 N. Madison Ave.,
Pasadena, Calif.

George, H. L., Jr., *C.M.* 1929; r.p.
C.M. 1930 205 Trust Co. Bldg.,
Watertown, N. Y.

GEPHART, F. T., a.s. (*W.S.* 1942);
r.s. 1948 205 Beacon

GERGELY, J., assoc. biochem. *M.*
M. G. H.

Gevalt, F. C., Jr., a.r.p. 1943
Sharon Clinic, Sharon, Conn.

GIBERTI, FLORENCE, exec. a. *B.M.*
(*S.N.* 1929) M. G. H.

Gibson, G. C., *W.S.* 1944
Robinson Memorial Hosp.,
Ravenna, Ohio

Gibson, J. G., a.r.p. *Psychiat.* 1951
Maudsley Hosp.,
London S.E., England

Gibson, L. E., r.s. *U.* 1926
713 E. Genesee, Syracuse, N. Y.

Giddings, W. P., *W.S.* 1939; r.s. 1946
528 Main, Bennington, Vt.

Gilbert, A. C., h.s. *U.* 1923
Vet. Hosp., Walla Walla,
Wash.

Giles, R. B., Jr., a.r.p. 1956
Southwestern Med. Sch.,
Univ. of Texas, Dallas, Tex.

GILL, B. F., a. *Psychiat.*
455 Marlborough

GILLESPIE, L., a. obst.
1180 Beacon, Brookline

Gillies, A. J., a.r.p. *An.* 1952
Strong Memorial Hosp.,
Rochester, N. Y.

Ginandes, S. C., *C.M.* 1952
270 Commonwealth Ave.

Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934
920 S. Jefferson, Roanoke, Va.

Glendy, R. E., a.r.p. 1934
920 S. Jefferson,
Roanoke, Va.

Glenn, W. W. L., a.r.s. 1946
749 Millbrook Lane, Haverford, Pa.

GLICKLICH, E. A., a.d.
403 Commonwealth Ave.

Glimcher, M. J., a.r.s. 1953; sr.r.s. *Or.* 1956
M. G. H.

GLOTZER, D. J., a.r.s. (*S.* 1953)
M. G. H.

Glover, D. M., *W.S.* 1922
St. Luke's Hosp.,
Cleveland, Ohio

Godley, Anne F., *M.* 1949; a.r.p. 1950
499 Mount Auburn, Cambridge

Goeringer, C. F., *Or.* 1940
209 S. 63rd, Philadelphia, Pa.

GOETHALS, T. R., *Bd. of Cons.* (*E.S.* 1917); h.s. *E.S.* 1919
319 Longwood Ave.

Goettsch, Elvira, *C.M.* 1931
4140 Ambrose Ave.,
Los Angeles, Calif.

Goetz, F. C., *M.* 1947; c.r.p. 1954
Univ. of Minnesota Hosp.,
Minneapolis, Minn.

GOHD, R. S., virol. (*E. & E.*)
Mass. E. & E. Inf.

GOLDBERG, L. I., a.r.p. (*M.* 1957)
M. G. H.

Goldblatt, M. E., *E.M.* 1926
975 Park Ave., New York, N. Y.

Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936
1415 Delachaise,
New Orleans, La.

Golden, R., h.p. *R.* 1921
622 W. 168th, New York, N. Y.

GOLDEN, T. S., clin. assoc. *C.M.*
52 Lincoln, Framingham

Goldsmith, L. H., *C.M.* 1923
365 Cloverhurst Ave., Atlanta, Ga.

Goldthwait, Joel C., a.r.p. *Path.* 1948
Vet. Adm. Hosp., W. Roxbury

GOLDTHWAIT, JOEL E., hon. s.
372 Marlborough

Goodale, F., Jr., a.r.p. *Path.* 1954
M. G. H.

Goodale, J. L., *W.M.* 1893
Ipswich

GOODALL, E. B., a. *Oph.*
328 Washington, Wellesley Hills

Gordon, A. M., *C.M.* 1929
405 6th Ave., Des Moines, Iowa

Gordon, E. S., *Path.* 1935
1300 University Ave.,
Madison, Wis.

GORDON, J. E., cons. *Prev. M.*
Harvard Sch. of Public Health

Gordon, P. S., *Dn.* 1955
277 Williams, W. Haven, Conn.

Gore, C. P., a.r.p. *Psychiat.* 1952
1 Grosvenor Ct., Grosvenor Hill,
Wimbledon, London S. W., England

Gorman, Rosemary V., a.r.p. 1945
626 Westminster Ave.,
Elizabeth, N. J.

Gottschalk, C. W., *M.* 1946; r.p. 1952
Univ. of North Carolina Sch.
of Med., Chapel Hill, N. C.

GOVE, B. J., a.dn.s.
508 Commonwealth Ave.

Graeser, J. B., *W.M.* 1929
298 Grand Ave., Oakland, Calif.

Graham, C. P., *E.S.* 1935 and *N.S.* 1936
21 N. Front, Wilmington, N. C.

GRAHAM, JOHN B., clin. assoc. *S.*
M. G. H.

GRAHAM, JOHN R., clin. assoc. *M.* (*W.M.* 1936)
Faulkner Hosp., Jamaica Plain

Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell

GRANT, L. H., a.r.p.
M. G. H.

GRANT, W. M., a.s. *Oph.*
Mass. E. & E. Inf.

GRAY, B. C., a. *D.* 416 Marlborough

GRAY, F. C., *Chairman of Trustees* and *Vice-President of the Corporation*
10 P. O. Sq.

Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.

Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline
GREEN, T. H., Jr., a. *S.* (*W.S.* 1947); r.s. 1953 226 Marlborough
Greenberg, J. J., *S.* M. G. H.
Greene, D. C., Jr., *C.M.* 1940
263 South Ave., Weston
Greene, G. S., a.r.s. *Or.* 1948
179 Allyn, Hartford, Conn.
GREENE, J. E., clin. assoc. *M.*
23 Bay State Rd.
Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.
Greene, Richard W., *M.* 1945
H. M. S.
Greene, Robert G., a.r.s. *Or.* 1953
Children's Med. Center
Greenhill, M. H., r.p. *Psychiat.* 1939
Psychiatric Inst., University Hosp., Baltimore, Md.
Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.
Gregg, A., *W.M.* 1917
49 W. 49th, New York, N. Y.
GREGG, W. I., a.s. (*W.S.* 1935)
1269 Beacon, Brookline
Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.
GREGORY, J. D., assoc. biochem. *Res. Chem.* M. G. H.
Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada
Grice, D. S., *Or.* 1943
Children's Med. Center
Grier, R. S., *E.M.* 1942; a.r.p. 1943
4925 Trinity Dr., Los Alamos, N. M.
GRIESEMER, R. D., a.d.; sr.r.p. *D.* 1949 M. G. H.
Griggs, J. B., *C.M.* 1929
576 Farmington Ave., Hartford, Conn.
GRILLO, H. C., a. *S.* (*S.* 1948); r.s. 1955 M. G. H.
GRISCOM, N. T., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.
GROGAN, R. H., a.obst.
1101 Beacon, Brookline
GROSS, J., assoc. biol. *M.* M. G. H.
GROVE-RASMUSSEN, M., dir. of *Blood Bank* M. G. H.
Grover, J. W., *S.* M. G. H.
Groves, L. K., *W.S.* 1947
Cleveland Clinic Foundation, 2020 E. 93rd, Cleveland, Ohio
Guardo, J. L., *N.S.* 1930; a.r.s. *N.S.* 1931 5 Aldwin Rd., Jamaica Plain
GUILD, H. R., *Trustee* and *Treasurer of the Corporation* 294 Washington
Guller, E. I., *C.M.* 1924
245 Alexander, Rochester, N. Y.
GUNDERSEN, A. ERIK, a.r.s. (*S.* 1956) M. G. H.
Gundersen, Adolph L., *S.* 1950; a.r.s. 1955 218 S. 14th, La Crosse, Wis.
Gundersen, Sigurd B., Jr., *S.* 1949; a.r.s. 1954 218 S. 14th, La Crosse, Wis.
Gundersen, Sven M., *E.M.* 1931
Hitchcock Clinic, Hanover, N. H.
Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.
GUNDERSEN, TRYGVE, s. *Oph.*
101 Bay State Rd.
GURALNICK, W. C., dn. s.
29 Commonwealth Ave.
Guyton, A. C., *W.S.* 1943; a.r.s. 1946
Box 153, Route 7, Jackson, Miss.
HABER, E., a.r.p. (*M.* 1957) M. G. H.
Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.
HAGGERTY, R. J., a. *C.M.*
300 Longwood Ave.
Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.
HAIRE, P. G., a.s. *Oph.*
6 Pleasant, Malden
Hale, C. H., sr. r.p. *R.* 1943
120 E. Washington, Syracuse, N. Y.
HALEY, WALLACE F., Jr., a. *Psychiat.* 520 Commonwealth Ave.
HALEY, WARREN D., a. *Oph.*
1180 Beacon, Brookline; 78 Church, Winchester
Hall, B., *M.* 1946
1819 W. Polk, Chicago, Ill.
Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline
Hall, M. G., *Path.* 1934 Danvers
Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.
HALL, T. C., a. *M.*; a.r.p. 1954 M. G. H.
HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon
Hallenbeck, D. F., Jr., r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951 McLean Hosp., Waverley
HALLOWELL, P., a. an.; a.r.p. *An.* 1955 M. G. H.
Halsted, J. A., *W.M.* 1932
Vet. Adm. Hosp., Syracuse, N. Y.
Hamilton, Harold H., r.s. *P.H.* 1933
70 Court, Plymouth
Hamilton, Howard B., *C.M.* 1945
350 Henry, Brooklyn, N. Y.

Hamilton, R. DeL., *E.M.* 1904
223 High, Newburyport
HAMLIN, E., Jr., assoc.v.s. (*W.S.* 1936); r.s. *W.S.* 1939 264 Beacon
HAMLIN, H., a. *N.S.*; r.s. *N.S.* 1942
270 Benefit, Providence, R. I.
Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914
112 E. 74th, New York, N. Y.
Hammond, W., *Path.* 1929
36 Crane Rd., Scarsdale, N. Y.
Hand, D. W., *Or.* 1934
450 Sutter, San Francisco, Calif.
HANELIN, J., r. M. G. H.
Hanflig, S. S., *Or.* 1931
371 Commonwealth Ave.
HANSEN, ROBERT H., a.r.p. *An.* M. G. H.
HANSEN, ROBERT J., cons. *Biomechan.* M.I.T., Cambridge
Hanser, T. H., *E.M.* 1924
3701 Grandel Sq., St. Louis, Mo.
HAPP, L. C., a. *Oph.*
170 Waterman, Providence, R. I.
Haralambie, J. Q., *C.M.* 1936
Larchmont, N. Y.
Harder, H. J., a.r.p. *An.* 1952
Virchow Hosp.,
W. Berlin N65, Germany
HARDY, HARRIET L., assoc. p. M. G. H.
HARDY, I. B., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942
94 Russell, Waltham
HARE, A. P., assoc. sociol. *Psychiat.* M. G. H.
HARPER, R. S., a.r.p. *Path.* M. G. H.
Harral, P., *Or.* 1936
450 Sutter, San Francisco, Calif.
Harris, H. P., Jr., *N.S.* 1936
1432 Post Rd., Fairfield, Conn.
Harris, W. Robert, a.r.s. *Or.* 1952
170 St. George,
Toronto, Canada
HARRIS, WILLIAM H., a.r.s. *Or.* M. G. H.
Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929
255 Bradley, New Haven, Conn.
Harrison, M. B., *E.M.* 1938
104 Funston Ave.,
San Francisco, Calif.
Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf
Harter, J. S., *W.S.* 1935
212 Brown Bldg., Louisville, Ky.
Harting, D., *C.M.* 1947
1625 Northern Parkway,
Baltimore, Md.
Hartwell, J. B., *W.S.* 1905
1520 Culebra Ave.,
Colorado Springs, Colo.
Hartwig, A. R., a.r.s. *Or.* 1948
490 Post, San Francisco, Calif.
Harty, J. E., r.p. *Psychiat.* (*McL.*) 1939 135 Main, Waterbury, Conn.
Harvey, R. B., *M.* 1946
Naval Air Base, Floyd Bennett Field, Brooklyn, N. Y.
HARWOOD, R., assoc. p. (*W.M.* 1936) 266 Beacon
Haswell, H. P., a.r.p. *An.* 1949
1403 E. Seneca, Tucson, Ariz.
Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.* 1917 699 E. South Temple,
Salt Lake City, Utah
HATCH, FRANCIS W., *Trustee* 462 Boylston
Hathaway, J. S., r.p. *E.M.* 1932
109 College, New Haven, Conn.
Haut, A., *M.* 1950; r.p. 1953
Salt Lake County Gen. Hosp.,
Salt Lake City, Utah
Havemeyer, W. F., a.r.s. 1948
Box 308, Willcox, Ariz.
HAVEN, G. W., a.dn.s.; dn.s. (*McL.*)
29 Bay State Rd.
Hawes, C. H., *W.S.* 1931
151 Rock, Fall River
Hawes, L. E., *E.M.* 1939 and *C.M.* 1940; a.r.p. *R.* 1942
Faulkner Hosp., Jamaica Plain
Hawkes, R. S., *W.M.* 1933
47 Deering, Portland, Maine
Hawkins, R., r.s. *N.S.* 1948
571 Hamilton Ave.,
Palo Alto, Calif.
HAYCOX, J. A., a. psychiat. (*McL.*)
McLean Hosp., Waverley
HAYDEN, E. P., *Bd. of Cons.*; h.s. *E.S.* 1923 270 Commonwealth Ave.
Hayden, J. W., a.r.s. *Or.* 1955
Children's Med. Center
Hayes, D. R., *E.S.* 1939
281 State, Springfield
Haynes, Ruth C., a.r.p. *An.* 1955
131 S. Grant Ave., Columbus, Ohio
Haynes, W. M., Jr., *S.* 1952; a.r.s. 1956
131 S. Grant Ave., Columbus, Ohio
HEAD, J. M., a.r.s. (*S.* 1951) M. G. H.
Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge
Heath, P., Jr., a.r.p. 1954
22 White, Rockland, Maine

Heath, R. D., a.r.s. *Or.* 1950
30 W. Bells Mill Rd.,
Chestnut Hill, Philadelphia, Pa.
HEBERTSON, W. M., r.p. *N.*
M. G. H.
HEDBERG, S. E., a.r.s. (*S.* 1956)
M. G. H.
Heffron, R., *E.M.* 1931
The Commonwealth Fund,
1 E. 75th, New York, N. Y.
Heggie, J. F., *M.* 1956
20 Cleveland Ave.,
Glen Head, Long Island, N. Y.
HELMAN, M. E., a.d.
375 Commonwealth Ave.
Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn.
HENDREN, W. H., III, a.r.s. (*S.* 1953)
M. G. H.
Hendrick, I., r.p. *Psychiat.* (*McL.*) 1932
205 Beacon
Henley, T. F., *C.M.* 1939
116 Lockland Ave.,
Winston-Salem, N. C.
HENNEMAN, P. H., a. *M.* M. G. H.
Henry, M. O., *Or.* 1922
825 Nicollet Ave.,
Minneapolis, Minn.
Hepburn, J. P., a.r.p. *An.* 1953
Milton Hosp., Milton
Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.
HERM, R. J., a. *Oph.*
314 Main, Melrose
HERMANN, G., a.r.s. (*S.* 1955)
M. G. H.
Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc.,
Guatemala City, Guatemala
Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.
Hershey, F. B., *E.S.* 1947; r.s. 1952
U.S. Vet. Hosp., St. Louis, Mo.
HESS, HELEN H., a.n.p. (*McL.*)
McLean Hosp., Waverley
Heusner, A. P., *E.S.* 1939; a.r.s. 1942 and r.s. *N.S.* 1943
Univ. of North Carolina Sch. of Med.,
Chapel Hill, N. C.
Heyl, H. L., r.s. *N.S.* 1940
Hitchcock Foundation,
Hanover, N. H.
Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.
Hiden, R. B., *W.M.* 1925
Silver Hill Foundation,
New Canaan, Conn.
HIEBERT, C. A., a.r.s. (*S.* 1952)
M. G. H.
Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.
Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.
Higgins, R. B., a.r.s. *U.* 1951
148 Shelbourne Towers,
Knoxville, Tenn.
HILL, J. M., a. *Oph.*
108 Bay State Rd.
Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro
Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.
Hill, N. P., *M.* 1946; a.r.p. 1946
Truesdale Hosp., Fall River
HILL, W. R., Jr., a.d.
520 Commonwealth Ave.
Hills, H. M., Jr., *Or.* 1942
524 Med. Arts Bldg.,
Charleston, W. Va.
Hills, O. W., *M.* 1943
111 St. Matthews Ave.,
San Mateo, Calif.
HINDMAN, D. H., a. obst.
1093 Beacon, Brookline
Hinshaw, A. J., *E.S.* 1947
701 Goodhue Bldg.,
Beaumont, Tex.
HIONIDES, C., a. an. (*E.* & *E.*)
Mass. E. & E. Inf.
HIRSCH, L. S., a. *Otolar.*
42 Lincoln, Framingham
HIRSCH, O., cons. *N.S.*
186 Commonwealth Ave.
Hitchcock, J., *W.M.* 1921
39 Main, Concord
HOAGLAND, M. B., a. to gen. dir. *Res. and Ed.*; assoc. biochem. *M.*
M. G. H.
Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.
Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931
209 N. Main, Dayton, Ohio
Hodges, T. W., *Or.* 1941
Yates Clinic, 1801 K, N. W.,
Washington, D. C.
HODGSON, J. S., *Bd. of Cons.* (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920
262 Beacon
Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923
319 Longwood Ave.
Hoffman, H. A., r.s. *U.* 1946
60 8th, New Bedford
Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951
156 Broadway, Pawtucket, R. I.
Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934
425 E. Wisconsin Ave.,
Milwaukee, Wis.

HOLDER, R., a. psychiat. (*M.* 1945); r.p. *Psychiat.* 1946
274 Commonwealth Ave.

Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover

HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947
1146 Beacon, Brookline

Holland, Jimmie Brockman, r.p. *Psychiat.* 1955 302 Crosby Blvd., Eggertsville, N. Y.

Hollings, C. B., *W.S.* 1908
John Hancock Mut. Life Ins. Co.

HOLMES, E. M., s. *Otolar.*
330 Dartmouth

HOLMES, G. W., hon. p.
Little River Hill, Belfast, Maine

HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938)
94 Russell, Waltham

Holmes, R. B., r.p. *R.* 1950
Toronto Gen. Hosp., Toronto, Canada

Holmes, S. G., *C.M.* 1943
1606 E. La Rua, Pensacola, Fla.

Holt, C. L., *N.S.* 1938
29 Deering, Portland, Maine

Holt, W. L., Jr., r.p. *N.* 1937
Westboro State Hosp., Westboro

HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 205 Beacon

HOMANS, MRS. ROBERT, *Trustee*
280 Beacon

Hoodless, E. C., a.r.s. *Or.* 1952
1105 Pandora Ave., Victoria, British Columbia, Canada

Hopkins, C. E., a.r.p. *C.M.* 1948
Johns Hopkins Hosp., Baltimore, Md.

Hopkins, F. S., *E.S.* 1919
146 Chestnut, Springfield

Hopkins, R. W., *S.* 1948; a.r.s. 1954
Pennsylvania Hosp., Philadelphia, Pa.

Hopkins, S. W., *E.S.* 1936
28 Orne, Marblehead

Hormell, R. S., *Or.* 1942
1180 Beacon, Brookline

Horn, C. E., *Or.* 1940; r.s. *Or.* 1942
2901 Capitol Ave., Sacramento, Calif.

Horrax, G., h.s. *W.S.* 1917
605 Commonwealth Ave.

Horwitz, W. H., r.p. *Psychiat.* (*McL.*) 1951 82 Marlborough

HOVSEPIAN, JEANNETTE A., a.r.p. *R.* M. G. H.

Howard, F. H., *C.M.* 1949; a.r.p. *C.M.* 1950
140 W. Spruce, Sault Ste. Marie, Mich.

Howard, H. H., *W.S.* 1914
1 Fishers Lane, Delray Beach, Fla.

Howard, J. E., *W.M.* 1930
Johns Hopkins Hosp., Baltimore, Md.

HOWARD, P. M., assoc. c. psychiat. (*McL.*); psychiat.; r.p. *Psychiat.* 1937; r.p. *Psychiat.* (*McL.*) 1939
McLean Hosp., Waverley

HOWE, HENRY D., a.dn.s. (*Dn.* 1945) 196 Marlborough

Howe, Henry F., r.s. *P.H.* 1934
11 N. Main, Cohasset

Howland, J. B., *W.S.* 1897
657 Main, Hingham

Hoyt, W. F., *W.S.* 1932; r.s. *W.S.* 1934 38 School, Springfield

Hubbard, E., Jr., *W.M.* 1921
29 Highland, Cambridge

Huber, W. M., r.p. *D.* 1937
Vanderbilt Clinic, Presbyterian Med. Center, New York, N. Y.

HUCKELL, J. R., a.r.s. *Or.* M. G. H.

Hugenberger, P. W., *Path.* 1931 and *Or.* 1935; r.p. *Path.* 1932
234 Marlborough

HUGGARD, MIRIAM, exec. a. *P.H.* (*S.N.* 1931) M. G. H.

HUGGINS, C. E., a.r.s. (*S.* 1953) M. G. H.

Hughes, H. C., *Or.* 1937
203 Metropolitan Bldg., Denver, Colo.

Hügin, W., a.r.p. *An.* 1948
Chir Klink im Burgerspital, Basel, Switzerland

Hummel, L. E., *Path.* 1932
135 Linwood Ave., Buffalo, N. Y.

Humphreys, S. P., *Or.* 1936; a.r.s. *N.S.* 1937 264 Beacon

Hunt, R. T. N., *Path.* M. G. H.

Hunt, S. P., a.r.p. *Psychiat.* 1940
R. D. #3, Bethesda, Md.

Hunter, R. W., a.r.p. *N.* 1939
Hitchcock Clinic, Hanover, N. H.

HUNTINGTON, B. L., a.p. (*W.M.* 1940)
John Hancock Mut. Life Ins. Co.

Huntington, J. L., *S.S.* 1908
River Dr., Hadley

HÜPPE, J. R., r.p. *R.* M. G. H.

HURLEY, P. D., a. *Oph.*
270 Commonwealth Ave.
HURWITZ, J. J., a. *U.* 636 Beacon
Hurxthal, L. M., *W.M.* 1925; r.p. *E.M.* 1927
605 Commonwealth Ave.
HUSSEY, MARGARET B., a. *D.*
59 Coddington, Quincy
Huston, L. L., *Or.* 1937
67 Converse, Longmeadow
Hyatt, G. T., *W.S.* 1931 and *Or.* 1934
412 S. E. 4th, Evansville, Ind.
Ibsen, B., a.r.p. *An.* 1950
Solotorvet 84, Copenhagen K, Denmark
Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937
6367 Wilshire Blvd., Los Angeles, Calif.
Ingalls, T. H., r.p. *C.M.* 1938
St. Mark's Sch., Southboro
INGERSOLL, F. M., assoc. v.s. (*W.S.* 1939); a.r.s. 1942 226 Marlborough
Irving, F. C., *W.S.* 1911
2 N. Pine Circle, Belleair, Clearwater, Fla.
IRWIN, J. W., a. *M.* M. G. H.
Isaacs, J. P., a.r.p. *An.* 1952
Harvard Sch. of Public Health
ISSELBACHER, K. J., a. *M.* (*M.* 1950); r.p. 1953 M. G. H.
Ives, L. M., r.p. *Psychiat.* (*McL.*) 1933 45 Clapboardtree, Westwood
Jackson, A. M., *W.S.* 1917
512 Broadway, Everett
JACKSON, B. B., a.r.s. (*S.* 1953) M. G. H.
Jackson, H., Jr., *E.M.* 1919
Boston City Hosp.
JACKSON, LEE, r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
JACOBSON, B. M., assoc. p. M. G. H.
JAKUS, MARIE A., biol. *Oph.*
Mass. E. & E. Inf.
James, G. W., III, *M.* 1944
2809 Grove Ave., Richmond, Va.
James, W. J., r.s. *N. S.* 1949
U. S. Naval Hosp., Chelsea
Javid, M., r.s. *N.S.* 1952
Univ. of Wisconsin Hosp., Madison, Wis.
JEANLOZ, R. W., assoc. biochem. *M.* M. G. H.
Jefferies, W. McK., *E.M.* 1942
Lakeside Hosp., Cleveland, Ohio
Jenkins, M. T., a.r.p. *An.* 1948
Parkland Hosp., Dallas, Tex.
Jergesen, F. H., *Or.* 1942
384 Post, San Francisco, Calif.
Jessner, Lucie, r.p. *Psychiat.* (*McL.*) 1939 Univ. of North Carolina, Chapel Hill, N. C.
Jobe, M. C., *C.M.* 1924
227 16th, Denver, Colo.
JOHNSON, C. C., a.s. *Oph.*
5 Bay State Rd.
Johnson, D. G., *S.* M. G. H.
Johnson, F. G., *Dn.* 1943
26 Washington, Eastport, Maine
Johnson, Louis F., a.r.p. *An.* 1954
7 Hillside Ct., Gloucester
Johnson, Louis G., *Path.* 1940 and *E.M.* 1942; a.r.p. 1942
3418 Stanley, Montreal, Canada
Johnson, N. P., *E.M.* 1925
65 S. 10th, Minneapolis, Minn.
Johnson, O. R., r.p. *D.* 1931
18 Deering, Portland, Maine
Johnson, P. R., *Path.* 1936
678 Farmington Ave., W. Hartford, Conn.
Johnson, V. S., sr. r.s. *Or.* 1955
27 Elm, Worcester
Johnston, E. V., *W.S.* 1947
Waterloo Savings Bank Bldg., Waterloo, Iowa
Jones, B.B., *E.M.* 1918 and *C.M.* 1919
526 North Blvd., Richmond, Va.
JONES, C. M., *Bd. of Cons.* (*E.M.* 1919); h.p. *E.M.* 1921 M. G. H.
Jones, F. S., *Or.* 1932
179 Allyn, Hartford, Conn.
Jones, G. E., *E.S.* 1939; a.r.s. 1942
520 Security Bldg., Olympia, Wash.
JONES, H. W., Jr., a. *M.*
330 Dartmouth
JONES, MARY E., assoc. biochem. *Res. Chem.* M. G. H.
Jones, S. G., *W.S.* 1923
270 Commonwealth Ave.
Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.
Jones, William Nicholas, a.r.s. *Or.* 1954
35 Huntington, New London, Conn.
JONES, WILLIAM NORMAN, a. *Or.* (*Or.* 1947) 266 Beacon
JOPLIN, R. J., a.s. *Or.* (*Path.* 1929 and *Or.* 1933)
1180 Beacon, Brookline
Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.
Joseph, A. T., *Dn.* 1941
475 Commonwealth Ave.

Joslin, E. P., *W.M.* 1895
81 Bay State Rd.

JOSSE, J. W., a.r.p. (*M.* 1957)
M. G. H.

JOYCE, JOSEPHINE, exec. a. (*R.N.*)
M. G. H.

Judd, A. B., *S.* 1955
3303 Menlo Ave., Cincinnati, Ohio

Judd, J. M., *E.S.* 1944; j.r.s. *E.S.* 1945; r.s. *N.S.* 1946
Murray Hill, Mount Morris, N. Y.

Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio

Justi, R. A., r.p. *Path.* 1956
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Kahn, D. S., r.p. *Path.* 1950
St. Mary's Hosp., Montreal, Canada

KAHNE, M. J., psychiat. (*McL.*)
McLean Hosp., Waverley

Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.

KANE, L. W., a. *M.* (*W.M.* 1941)
205 Beacon

KAPLAN, S., a. psychiat.
38 Hyde, Newton Highlands

Karamanoukian, E., a.r.p. *D.* 1955
En face du Cine Diana,
Aleppo, Syria

KARNES, W. E., r.p. *N.* M. G. H.

Katz, A. M., *M.* M. G. H.

Katz, S. L., a.r.p. *C.M.* 1955
Children's Med. Center

Kaufman, H. E., *M.* M. G. H.

Kaufman, M. R., r.p. *Psychiat.* (*McL.*) 1933
253 Marsh, Belmont

Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester

Kazanjian, Joan, r.p. *C.M.* 1956
3200 Shorewood Dr.,
Mercer Island, Wash.

KAZANJIAN, K. A., a.s. *Otolar.*; r.p. *D.* 1933
475 Commonwealth Ave.

KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.

KEARSLEY, R. B., a. *C.M.* (*C.M.* 1954); c.r.p. *C.M.* 1956
122 Front, Scituate

Keats, A. S., a.r.p. *An.* 1951
Baylor Univ. Coll. of Med.,
Houston, Tex.

Keeley, J. K., *N.S.* 1937; r.s. *P.H.* 1938
103 S. Hamilton,
Poughkeepsie, N. Y.

KEEVIL, C. S., Jr., r.p. (*M.* 1956)
M. G. H.

Keiser, R. P., *Or.* 1942
Coral Gables Clinic,
Coral Gables, Fla.

KELEMEN, G., res. assoc. *Otolar.*
20 Gloucester

KELLER, ELIZABETH B., a. biochem. *M.* M. G. H.

KELLER, J. W., a. *M.* 330 Dartmouth

KELLEY, RITA M., a.p. (*M.* 1947); r.p. 1949
264 Beacon

KELLEY, S. B., v.u. (*E.S.* 1931); r.s. *U.* 1933
412 Beacon

KELLEY, V. J., s. *Otolar.*
520 Commonwealth Ave.

KELLY, J. F., podiatrist *Or.*
924 Statler Office Bldg.

Kendrick, J. I., *Or.* 1933
2020 E. 93rd, Cleveland, Ohio

Kennard, H. E., *W.S.* 1934
246 Dudley Rd., Newton Centre

Kennedy, B. Hughes, *C.M.* 1921
2940 Clairmont Ave.,
Birmingham, Ala.

Kennedy, Byrl J., *M.* 1946; r.p. 1952
Univ. of Minnesota Hosp.,
Minneapolis, Minn.

Kennedy, J. H., *S.* 1950; a.r.s. 1955
850 Prospect, La Jolla, Calif.

Kennedy, R. P., *Thd. S.* 1924
1 Knollwood Dr.,
Rochester, N. Y.

KENT, C., a.s. *Otolar.*
270 Commonwealth Ave.

KERN, H., biochem. *Oph.*
Mass. E. & E. Inf.

Kernan, R. D., *Path.* 1945
98 Adams, Milton

KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949
264 Beacon

Kerr, William J., *W.M.* 1916
Maple Creek Rd., Korbel,
Humboldt County, Calif.

Kerrigan, G. A., *C.M.* 1950; c.r.p. *C.M.* 1952
Milwaukee Children's Hosp.,
Milwaukee, Wis.

Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939
7 Trapelo Rd., Belmont

KETCHUM, P., *Trustee* and *President of the Corporation* 294 Washington

KETCHUM, W. F., clin. assoc. *C.M.* (*C.M.* 1948)
New Eng. Mut. Life Ins. Co.

Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931
Norwich State Hosp.,
Norwich, Conn.

KEUPER, C. S., a. *D.*; r.p. *D.* 1951
270 Commonwealth Ave.
Key, J. A., *Or.* 1921
4952 Maryland Ave.,
St. Louis, Mo.
KEY, R. E., a.r.s. *Or.* M. G. H.
Key, W. A., *Or.* 1927
23 2nd Ave., San Mateo, Calif.
Keyes, G. H., *M.* 1947
Ogden Clinic, Ogden, Utah
Kiely, B., *M.* 1952
Johns Hopkins Hosp.,
Baltimore, Md.
Kilfoyle, R. M., a.r.s. *Or.* 1951
84 Olney, Dorchester
Kilgore, A. R., *W.M.* 1914
490 Post, San Francisco, Calif.
Kimberly, C. H., r.p. *N.* 1929
Stockbridge
Kimura, K. K., *C.M.* 1955; a.r.p. *C.M.* 1956
Raymond Blank Memorial Hosp.
for Children, Des Moines, Iowa
Kind, H. A., *C.M.* 1935
Tilton Gen. Hosp.,
Fort Dix, N. J.
KING, D. S., *Bd. of Cons.* (*E.M.* 1920)
Hitchcock Clinic,
Hanover, N. H.
King, W. B., Jr., a.r.p. *Path.* 1956
M. G. H.
Kingman, L. C., *W.S.* 1905
130 Slater Ave., Providence, R. I.
Kinney, R. J., a.r.p. 1943
Route 3, N. Topeka, Kan.
Kinnicutt, R., *E.M.* 1908
72 Cedar, Worcester
KINOSHITA, J., biochem. *Oph.*
Mass. E. & E. Inf.
Kinsey, Dera, a.r.p. 1939
203 Commonwealth Ave.
KIRKWOOD, S. B., assoc. obst.
(*W.S.* 1934) 1180 Beacon,
Brookline
KITE, O. W., dn.s. (*Dn.* 1951)
29 Bay State Rd.
Kitts, A. W., r.p. *C.M.* 1941
221½ Camden Ave., Salisbury, Md.
KJELLBERG, R. N., a.r.s. *N.S.*
M. G. H.
Klaus, Hanna, a.r.p. *Path.* 1953
Barnes Hosp., St. Louis, Mo.
Kleaveland, R.N., *S.* 1952; a.r.s. 1956
1681 Paulsen Bldg., Spokane, Wash.
KLEIN, D. C., assoc. psychol.
309 Washington, Wellesley Hills
KLINGENSMITH, W. E., a.r.s. (*S.* 1955)
M. G. H.
KLOTZ, R. E., a. *Otolar.* and a.c. *Otolar.*
Mass. E. and E. Inf.
Knapp, M. R., a.r.p. *An.* 1955
135 North Bluff, Wichita, Kan.
Knapp, P. H., a.r.p. *Psychiat.* 1947
Boston Univ. Sch. of Med.
Knapp, R. G., Jr., *Dn.* 1950
16 Westland Ave.
Kneisel, J. J., *E.M.* 1940
1 Greenridge Ave.,
White Plains, N. Y.
Knowles, J. H., *M.* 1952; r.p. 1956
Univ. of Rochester Sch. of Med.
and Dn., Rochester, N. Y.
Koch-Weser, J., *M.* 1955; a.r.p. 1956
138 Sunset Lane, Tenafly, N. J.
Koppel, Elizabeth A., a.r.p. *An.* 1954
437 Cedar, N.W.,
Washington, D. C.
Kowalski, H. J., *M.* 1945; a.r.p. 1948
H. M. S.
Kozol, H. L., *E.M.* 1936
115 Bay State Rd.
Kramer, J. G., *C.M.* 1917
159 S. Main, Akron, Ohio
KRANE, S. M., c.r.p. (*M.* 1952)
M. G. H.
KRANES, A., p. (*W.M.* 1932); c.r.p. 1935
330 Dartmouth
KRAUT, H. L., a.r.p. *D.* M. G. H.
Kravitz, A. R., *M.* 1955
Mass. Mental Health Center
KRAYER, O., cons. *Pharm.* H. M. S.
Kreisle, J. E., *W.M.* 1943; r.p. 1947
2317 Longview Ave., Austin, Tex.
Kristjansson, H., a.r. *Or.* 1946
Welch Emergency Hosp.,
Welch, W. Va.
KRUMBHAAR, G. D., assoc. obst.
203 Commonwealth Ave.
KUBIK, C. S., *Bd. of Cons.*
330 Dartmouth
Kuhlman, E. G., *C.M.* 1925
Toronto, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948
256 Pearl, Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949
251 Powers,
New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926
372 Marlborough
KUKRAL, J. J., a.r.p. *An.* M. G. H.
Kulka, J. P., a.r.p. *Path.* 1947
H. M. S.
KUNZ, L. J., a.b. M. G. H.
KUWABARA, T., a. *Oph.* path.
Mass. E. & E. Inf.
Lacey, W. H., *W.S.* 1917
54 School, Keene, N. H.

Lake, M., *W.M.* 1924
1060 Park Ave., New York, N. Y.

Lambert, E. C., *E.M.* 1943
Children's Hosp., Buffalo, N. Y.

Lambert, J. T., *W.M.* 1942
c/o Dr. Adrian Lambert,
215 E. 72nd, New York, N. Y.

LAMDIN, SUSANNE J., a.r.p. *An.* (*C.M.* 1953) M. G. H.

LAMONT, J. H., a. psychiat.; sr.r.p. *Psychiat.* (*McL.*) 1951 M. G. H.

Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.

Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch.,
Nashville, Tenn.

Langer, G. A., *M.* 1955
195 W. Central Ave.,
Pearl River, N. Y.

Lanman, T. H., *E.S.* 1918
Children's Med. Center

Lansing, C., *C.M.* 1948; a.r.p. *C.M.* 1950 Univ. of North Carolina,
Chapel Hill, N. C.

Larkey, J., *W.S.* 1928
3115Webster, Oakland, Calif.

Laron, Z., r.p. *C.M.* 1955 M. G. H.

LARSON, C. B., *Bd. of Cons.* (*Or.* 1938)
University Hosp., Iowa City, Iowa

Lassiter, W. E., *M.* 1955; a.r.p. 1956
133 Hamilton Rd.,
Chapel Hill, N. C.

Laster, L., *M.* 1950; r.p. 1953
National Inst. of Health,
Bethesda, Md.

LAWLOR, E. F., a.s. *Otolar.*
67 Vernon, Waltham

Lawrence, George H., *W.S.* 1947; a.r.s. 1952 Barnes Hosp.,
St. Louis, Mo.

LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.

LAWRENCE, JOHN E., *Trustee*
60 Batterymarch

Lawrence, John S., *W.M.* 1925
Med. Sch. of Univ. of California
South, Los Angeles, Calif.

Leach, C. A., Jr., a.r.p. *C.M.* 1951
11 Charles, Danvers

LEADBETTER, G. W., Jr., a.r.s. *U.* M. G. H.

LEADBETTER, W. F., c. *U.* M. G. H.

LEAF, A., a.p. (*M.* 1944) M. G. H.

LEAHEY, B. D., s. *Oph.*
9 Central, Lowell

LeBARON, F. N., a. biochem. (*McL.*)
McLean Hosp., Waverley

Ledbetter, Betsy A., a.r.p. *An.* 1955
1513 Line Ave., Shreveport, La.

LeDONNE, J. E., a. *D.*; r.p. *D.* 1952
357 Essex, Salem

Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.

LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon

Leeper, R. W., r.p. *D.* 1950
Kaiser Foundation Hosp.,
Oakland, Calif.

LEES, MARJORIE B., a. biochem. (*McL.*) McLean Hosp., Waverley

Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.

LEIDERMAN, P. H., r.p. *Psychiat.* M. G. H.

LEIDHOLT, J. D., a. *Or.*; a.r.s. *Or.* 1952 234 Marlborough

Leigh, A. D., r.p. *Psychiat.* 1948
Maudsley Hosp., London S.E.,
England

LEIGHTON, H. T., a. obst.
319 Longwood Ave.

Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.

Leinbach, T. C., a.r.s. *Or.* 1956
1121 Pennsylvania Ave.,
Wyomissing, Pa.

Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.

Lennox, W. G., *W.M.* 1915
Children's Med. Center

LENTINE, J., assoc. s. *Otolar.*
15 Bay State Rd.

LEPPER, EDNA S., assoc. dir. *Nurs. Serv.* (*S.N.* 1926) M. G. H.

LERMAN, J., p.
370 Commonwealth Ave.

LESKOWITZ, S., assoc. immunol. *M.* M. G. H.

Letsou, V. G., a.r.p. *D.* 1956
U.S. Naval Hosp., Chelsea

Levek, J. A., *C.M.* 1915
32 Lawrence, Lawrence

Levene, M. B., r.p. *R.* 1954
636 Beacon

LEVER, W. F., assoc. d.; a.r.p. *D.* 1938 270 Commonwealth Ave.

LEVINE, H. J., a.r.p. M. G. H.

LEVITAN, J. J., a.dn.s. 80 Boylston

Levy, S. W., a.r.p. *D.* 1951
450 Sutter Bldg.,
San Francisco, Calif.

LEWIS, D. K., assoc. s. *Otolar.*
Mass. E. & E. Inf.

Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford

Lewis, James, *W.M.* 1935 and *C.M.* 1936 281 State, Springfield

LEWIS, JOSEPH L., clin. assoc. *C.M.* (*C.M.* 1936); r.p. *C.M.* 1937 25 Grant, Waltham

Licciardello, A. T., *M.* 1948; a.r.p. 1949 20 Chase, Danvers

*Lichtenwalner, C. S., *M.* 1950; a.r.p. 1951 USOM, H&S, Box 32, Navy 150, c/o Fleet Post Office, San Francisco, Calif.

LIEBMAN, S. D., a.s. *Oph.* 115 Bay State Rd.

Liffmann, K. E., *Dn.* 1956 160 Longwood Ave.

LIFVERGREN, SARAH M., exec. a. *B.M.* (*S.N.* 1930) M. G. H.

Lilly, T. E., Jr., *E.S.* 1943 915 Argyle Bldg., Kansas City, Mo.

Lincoln, J. R., *Or.* 1918 Main, Wareham

LINCOLN, R. C., a.dn.s. (*Dn.* 1953) 160 Longwood Ave.

LINDEMANN, E., c. *Psychiat.*; psychiat. (*McL.*) M. G. H.

Lindsay, M. K., *Or.* 1926 2650 Wisconsin Ave., N.W., Washington, D. C.

LINENTHAL, A. J., assoc.p. *C.M.*; a.r.p. 1944 1265 Beacon, Brookline

Lingenfelter, G. P., *D.* 1910 1612 Tremont Pl., Denver, Colo.

Lingley, J. R., a.r.p. *R.* 1931 27 Elm, Worcester

LINTON, R. R., v.s. (*W.S.* 1928); r.s. *W.S.* 1930 1180 Beacon, Brookline

LIPMANN, F., biochem. *Res. Chem.* M. G. H.

LITTLEFIELD, J. W., a. *M.* (*M.* 1948); r.p. 1950 M. G. H.

LITTMANN, D., clin. assoc. *M.* Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

Liu, C. T., r.s. *N.S.* 1946 Vet. Adm. Hosp., Oakland, Calif.

Lium, R., *E.S.* 1935 388 State, Portsmouth, N. H.

Livermore, G. R., Jr., *W.S.* 1943 Mayo Clinic, Rochester, Minn.

Livingston, W. K., *W.S.* 1922 Univ. of Oregon Med. Sch., Portland, Oreg.

Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946 115 Newbury

Locke, E. A., *E.M.* 1902 Wilton, N. H.

Locke, H. L. F., *C.M.* 1912 179 Allyn, Hartford, Conn.

Locksley, H. B., *S.* 1950; sr. r.s. *N.S.* 1956 55 Stratford Ave., Pittsfield

Loeb, R. F., *W.M.* 1920 Presbyterian Hosp., New York, N. Y.

LOFTFIELD, R. B., assoc. biochem. *M.* M. G. H.

Lombroso, C. T., a.r.p. *N.* 1955 M. G. H.

LONG, R. T., a. psychiat. M. G. H.

LORENTZ, J. J., a. *Phys. M.* 277 Jackson, Lawrence

LORENZ, MARIA, a. psychiat.; psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.

Lothrop, O. A., *W.S.* 1909 101 Beacon

LOVESEY, B. E., assoc. s. *Otolar.* 76 Bay State Rd.

Lowd, H. M., Jr., *C.M.* 1941 359 Essex, Salem

Lowe, C. U., r.p. *C.M.* 1948 Univ. of Minnesota Hosp., Minneapolis, Minn.

LOWELL, J. D., a. *Or.*; a.r.s. *Or.* 1953 266 Beacon

LOWELL, R., *Trustee* 100 Franklin

Lowell, W. H., Jr., a.r.p. 1940 703 Asylum Ave., Hartford, Conn.

LOWIS, S., clin. assoc. *N.S.* (*N.S.* 1936); r.s. *N.S.* 1940 475 Commonwealth Ave.

Lowrey, S. R., r.s. *U.* 1936 170 St. George, Toronto, Canada

LUCK, D. J. L., a.r.p. (*M.* 1954) M. G. H.

LUDWIG, A. O., assoc. psychiat. (*E.M.* 1932); r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937 82 Marlborough

Ludwig, G. D., a.r.s. 1950 Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

LUESSENHOP, A. J., a.r.s. *N.S.*; a.r.p. *N.P.* 1955 M. G. H.

Luikart, R. H., *W.S.* 1917 107 S. 17th, Omaha, Nebr.

Luikart, R. H., Jr., *M.* 1944; a.r.p. *D.* 1948 1525 State, Santa Barbara, Calif.

Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923 20 Gloucester

*Not in States and Cities section of this Directory

Lund, I., a.r.p. *An.* 1947
Ulleval sykehus,
avd. III, Oslo, Norway

Lunt, L. K., *W.M.* 1916
Double Four Ranch,
Wheatland, Wyo.

LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.

LURIE, M. H., dir. res. *Otolar.*
483 Beacon

Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.

Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.

Lyons, C., *W.S.* 1933; r.s. 1936
Med. Coll. of Alabama,
Birmingham, Ala.

Lytton, W., r.p. *Psychiat.* (*McL.*) 1937 4500 Olive,
St. Louis, Mo.

Mabon, T. McC., *W.M.* 1918
Univ. of Pittsburgh Sch. of Med.,
Pittsburgh, Pa.

MABREY, R. E., clin. assoc. *S.*
270 Commonwealth Ave.

McALPINE, F. S., c.r.p. *An.* M. G. H.

McARTHUR, JANET W., a.p.; a.r.p. 1944 M. G. H.

MacAusland, A. R., *W.S.* 1911
412 Beacon

MacAUSLAND, W. R., Jr., a. *Or.*
412 Beacon

McCandless, O. C., *C.M.* 1926
Marion, Kan.

McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch.,
Washington, D. C.

McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.

McCARTHY, P. L., a. *D.*
36 Adams, Quincy;
464 Beacon

McCartin, J. E., *Or.* 1912 877 Beacon

McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.

McClellan, W. S., *W.M.* 1925
Sch. of Med., Univ. of
North Carolina, Chapel Hill, N. C.

McCLELLAND, W. K., clin. assoc. *S.* M. G. H.

McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane,
Port Huron, Mich

McConnell, F., r.p. *R.* 1956 M. G. H.

McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp.,
San Jose, Calif.

McCune, W. S., *W.S.* 1937
1150 Connecticut Ave.,
Washington, D. C.

McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
902 Edmond, St. Joseph, Mo.

MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada

McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine

McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
2065 Adelbert Rd., Cleveland, Ohio

McDERMOTT, W. V., Jr., a.s. (*W.S.* 1943); r.s. 1951 M. G. H.

McDONALD, C. A., hon. p.
106 Waterman, Providence, R. I.

McDONALD, F. C., clin. assoc. *C.M.*
39 Main, Concord

Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Lafayette, Yarmouth, Maine

MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp.,
Richmond, Va.

McDowell, W. P., *C.M.* 1917
142 W. York, Norfolk, Va.

McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio

McGahey, C. E., r.s. 1946
Warren, Hudson, N. Y.

McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.

McGOVERN, J. J. M., a. *C.M.*
M. G. H.

McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.

McHUGH, P. R., a.r.p. *N.* M. G. H.

McINTIRE, F. J., Jr., a. *Otolar.*
63 N. Common, Lynn

McIntyre, Patricia A., *M.* 1953
Johns Hopkins Hosp.,
Baltimore, Md.

McIver, M. A., h.s. *E.S.* 1922
Shiraz Med. Center,
Nemazee Hosp., Shiraz, Iran

Mack, J. E., *M.* 1956
Mass. Mental Health Center

McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer Rd., Hull,
Quebec, Canada

McKee, D. M., *S.* M. G. H.

McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd.,
Los Angeles, Calif.

McKEIGUE, J. E., assoc. s. *Otolar.*
274 Commonwealth Ave.

McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.
McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester
McKHANN, C. F., III, a.r.s. (*S.* 1956) M. G. H.
Mackie, R. W., sr.r.s. *N.S.* 1954
U.S.N. Med. Centre, Bethesda, Md.
MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.
MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada
McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline
McKITTRICK, L. S., cons. v.s. (*W.S.* 1919) 1180 Beacon, Brookline
MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave., Pasadena, Calif.
McLAUGHLIN, C. H., a.s. *Oph.*
834 Broadway, Everett
McLaughlin, W. B., *Or.* 1931
1524 Termon Ave., Pittsburgh, Pa.
McLEAN, J. D., a. podiatrist *Or.*
16 Curtis, Somerville;
31 Church, Winchester
MacMahon, C. E., *E.S.* 1938
900 Boylston Ave., Seattle, Wash.
MACMILLAN, A. S., r. (*E.* & *E.*)
483 Beacon;
319 Longwood Ave.
Macmillan, A. S., Jr., r.p. *R.* 1953
Peter Bent Brigham Hosp.
MacMillan, Hugh Alexander, a.r.p. *Path.* 1950
Albany Hosp., Albany, N. Y.
MacMillan, Hugh Allen, Jr., a.r.s. 1947 1801 High, Denver, Colo.
McMillan, R. M., a.r.p. 1941
Southern Pines, N. C.
McNeil, D., *Or.* 1930
1339 44th, Sacramento, Calif.
McNIE, A. B., a.r.p. *Path.* M. G. H.
Macomber, D., *S.S.* 1911
Tide River Farm, Brunswick, Maine
McPeak, C. N., r.p. *R.* 1929
18 Hartwell, Fitchburg
McPherson, R. S., a.r.s. *Or.* 1949
85 Jefferson, Hartford, Conn.
Madey, S. L., *C.M.* 1944
Box 283, Great Neck, Long Island, N. Y.
MAGRAW, C. E., assoc. attend. psychiat. (*McL.*) McLean Hosp., Waverley
Mahoney, S. A., *E.S.* 1926
630 Dwight, Holyoke
Maier, J., *E.M.* 1940
Rockefeller Foundation, New York, N. Y.
Maisel, B. I., r.p. *Path.* 1943
103 E. 75th, New York, N. Y.
Makel, H. P., c.r.p. *An.* 1949
Fitzsimons Gen. Hosp., Denver, Colo.
MALCOLM, J. A., a.r.s. (*S.* 1953) M. G. H.
MALOOF, F., a. *M.;* a.r.p. 1952
264 Beacon
Maloy, J. K., *E.S.* 1947
60 Decker Ave., Staten Island, N. Y.
MALT, R. A., a.r.s. (*S.* 1956) M. G. H.
MANCALL, E. L., a.r.p. *Path.* M. G. H.
MANCALL, I. T., a. *Oph.*
750 Main, Hartford, Conn.
MANGIARACINE, ANITA B., b. *Oph.* and *Otolar.* Mass. E. & E. Inf.
Manly, I. V., *E.S.* 1947; a.r.s. 1952
2021 Clark Ave., Cameron Village, Raleigh, N. C.
MANN, W., a. psychiat. M. G. H.
MANNICK, J. A., a.r.s. (*S.* 1954) M. G. H.
Marble, A., r.p. *W.M.* 1930
81 Bay State Rd.
MARBLE, H. C., hon. s. (*W.S.* 1912)
270 Commonwealth Ave.
MARCUS, S. M., a. u. 520 Beacon
MARK, V. H., a. *N.S.*; sr. r.s. *N.S.* 1954 M. G. H.
MARKS, G. A., clin. assoc. *S.* (*E.S.* 1931); r.s. *E.S.* 1933
15 Dix, Winchester
Maroney, J. W., r.p. *C.M.* 1932
501 Delaware Ave., Wilmington, Del.
Marshall, C. S., r.p. *N.* 1927
90½ Gottingen,
Halifax, Nova Scotia, Canada
Marshall, Clare K., r.p. *N.* 1954 M. G. H.
Martin, C. L., h.p. *R.* 1920
3501 Gaston Ave., Dallas, Tex.
Martin, D. B., *M.* 1955; a.r.p. 1956
Peter Bent Brigham Hosp.
Martin, James A., *W.S.* 1946; r.p. *R.* 1951
3501 Gaston Ave., Dallas, Tex.
Martin, James W., *Or.* 1923
107 S. 17th, Omaha, Nebr.
MARTIN, L. E., comptroller M. G. H.

MARTIN, S. F., a.s. *Oph.*
165 Bay State Rd.

Mason, E. D., *M.* 1946
174 Denslow Ave.,
W. Los Angeles, Calif.

Mason, W., *E.M.* 1920; h.p. *E.M.* 1921
151 Rock, Fall River

Massie, W. K., Jr., *Path.* 1938
341 N. Broadway, Lexington, Ky.

MATARAZZO, J. D., assoc. psychol.
M. G. H.

MATARAZZO, RUTH G., a. psychol.
M. G. H.

Matchett, F. L., *Or.* 1934
1727 Gilpin, Denver, Colo.

Mathews, S. S., *Or.* 1928
9730 Wilshire Blvd.,
Los Angeles, Calif.

Mathieu, T. J., r.s. *U.* 1954
36 Perry, Central Falls, R. I.

Mathis, W. H., Jr., r.p. *R.* 1948
Kennestone Hosp., Marietta, Ga.

MATOLTSY, A. G., assoc. biol. *D.*
M. G. H.

MATTOS, E. R., a.dir. M. G. H.

MATZ, M. H., a. *D.*
51 Brattle, Cambridge

Maughs, S. B., a.r.p. *Psychiat.* 1938
Psychiatric Unit,
Forty-five Hundred West Pine
Clinics, 4500 W. Pine Blvd.,
St. Louis, Mo.

MAY, G. E., a.obst.
112 Woodlawn Ave., Wellesley Hills

May, H. L., *S.* 1954; a.r.s. 1956
South Street Rd., Auburn, N. Y.

MAYER, R. F., a.r.p. *N.* M. G. H.

Maynard, G. B., Jr., *W.S.* 1943
60 8th, New Bedford

Mayo, F. B., *E.M.* 1943; a.r.p. 1944
144 Beach Bluff Ave., Swampscott

Mayo, R. A., sr. r.s. *Or.* 1956
264 Beacon

MAZUZAN, J. E., Jr., a.r.p. *An.*
M. G. H.

Mead, S., *E.M.* 1940 and *Path.* 1941; a.r.p. *N.* 1942
California Rehabilitation Center,
Vallejo, Calif.

Meader, C. N., *E.M.* 1912
519 Majestic Bldg.,
Denver, Colo.

MEALEY, J., Jr., a.r.s. *N.S.*
M. G. H.

MEANS, J. H., hon. p. (*E.M.* 1913)
60 Mount Vernon

Means, P. H., *E.M.* 1924
1 Waterhouse, Cambridge

Meath, J. A., r.p. *N.* 1947
Henry Phipps Clinic,
Johns Hopkins Hosp.,
Baltimore, Md.

Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.

MEIGS, JOE V., cons. v.s. (*E.S.* 1921)
226 Marlborough

Meister, L., *C.M.* 1937
Vet. Adm. Hosp.,
Long Beach, Calif.

MEKKELSEN, CHRISTINE, exec. a. (*R.N.*) M. G. H.

Mellinger, G. W., *M.* 1947
Box 524, Indianapolis, Ind.

MELTZER, P. E., s. *Otolar.*
285 Commonwealth Ave.

Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp.,
Kingston, Ontario, Canada

Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.

Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.

MERRILL, O. E., e. *R.* M. G. H.

Metcalf, K. M., r.p. *C.M.* 1925
169 E. 78th, New York, N. Y.

Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.

Michel, A. J. D., a.r.p. *An.* 1950
Hôpital St. Joseph,
Lyon, France

MICHELSEN, J. J., clin. assoc. *N.S.*; a.r.s. *N.S.* 1938
Box 328,
Back Bay P.O. Annex

Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.

Michie, Catherine R., *Path.* 1943; r.p. *Path.* 1944
New York Univ.,
New York, N. Y.

Middlebrook, G., *M.* 1945
Rockefeller Inst., New York, N. Y.

MILAM, D. F., Jr., a. *Oph.* (*S.* 1949); a.r.s. 1952
Mass. E. & E. Inf.

Miller, A. E., *S.* M. G. H.

MILLER, C. C., clin. assoc. *S.* (*W.S.* 1938)
304 Humphrey, Swampscott

MILLER, D., assoc. s. *Otolar.*
403 Commonwealth Ave.

Miller, E. C., *E.M.* 1926
27 Elm, Worcester

Miller, James G., *E.M.* 1943; r.p. *Psychiat.* 1944
Univ. of Chicago, Chicago, Ill.

Miller, Jule P., Jr., a.r.p. *Psychiat.* 1955
Mass. Mental Health Center

MILLER, L. C., Jr., assoc. psychol.
M.G.H.

Miller, M. L., *E.M.* 1932
Vet. Adm. Hosp.,
Brentwood, Los Angeles, Calif.
Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.
Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.
Millet, J. B., *W.S.* 1943; a.r.s. 1948
216 Mayro Bldg., Utica, N. Y.
MILLS, J. A., a.r.p. M. G. H.
Mills, L., Jr., *M.* 1944
720 Lucerne Blvd.,
Los Angeles, Calif.
MINER, L. M. S., hon. s.
363 Marlborough
MINER, R. L., a.dn.s.
363 Marlborough
Ming, Si Chun, r.p. *Path.* 1956
Beth Israel Hosp.
Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.
Mitchel, D. H., *M.* 1943; a.r.p. 1947
Arneill Clinic, Denver, Colo.
MITTEL, N. S., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
Mixter, C. G., *W.S.* 1907
319 Longwood Ave.
MIXTER, C. G., Jr., a. *S.* (*W.S.* 1940); r.s. 1947
319 Longwood Ave.
Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.
MIXTER, W. J., hon. s.; cons. s. (*McL.*) (*S.S.* 1907) Woods Hole
Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.
MOMOSE, K. J., a.r.p. *R.* M. G. H.
Monaco, A. P., *S.* M. G. H.
Monroe, J. T., Jr., *M.* 1956
Gravely Sanitarium,
Chapel Hill, N. C.
Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.
MONTGOMERY, W. W., a. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Moore, B. E., r.p. *Psychiat.* 1942
1148 5th Ave., New York, N. Y.
MOORE, F. D., *Bd. of Cons.* (*W.S.* 1940); r.s. 1943
Peter Bent Brigham Hosp.
Moore, G. A., *W.S.* 1911
167 Newbury, Brockton
Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.
Moore, R. F., *M.* 1954
Mass. Mental Health Center
Moore, S., h.p. *R.* 1917
Barnes Hosp., St. Louis, Mo.
Moorman, H. D., *W.S.* 1943; a.r.s. 1949
431 30th, Oakland, Calif.
MORA, F., r.s. *N.S.* (*M.* 1951); a.r.s. 1953 M. G. H.
Moran, J. E., *N.* 1928
31 Federal, Greenfield
Moran, T. W., a.r.p. *Path.* 1950
Mass. Memorial Hosp.
Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East,
Salt Lake City, Utah
MORGAN, WILLIAM L., Jr., r.p. (*M.* 1953) M. G. H.
MORGAN, WINFIELD S., a. path.; r.p. *Path.* 1951 M. G. H.
Morris, H. D., *Or.* 1937
3439 Prytania, New Orleans, La.
Morris, J. McL., *E.S.* 1942; a.r.s. 1947
Yale Univ. Sch. of Med.,
New Haven, Conn.
Morrison, G. M., *Or.* 1941
77 San Mateo Dr., San Mateo, Calif.
Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939
370 Marlborough
Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.
MORRISSEY, A. M., a. *Oph.*
185 High, Medford
Morrissey, E. J., *Or.* 1935; r.s. *Or.* 1936
230 N. 5th, Reading, Pa.
Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912
Brooks Hosp., Brookline
Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp.,
Rochester, N. Y.
MOSER, H. W., a.r.p. *N.* M. G. H.
MOSHER, H. A., a.s. *Oph.*
71 Bay State Rd.
Mote, J. R., *W.M.* 1937
Chemical Specialties Co., Inc.,
22 E. 40th, New York, N. Y.
Moyer, D. LaR., a.r.p. *Path.* 1955
Univ. of California Sch. of Med.
at Los Angeles, Los Angeles, Calif.
Mudd, S. Harvey, *M.* 1954
National Inst. of Mental Health,
National Inst. of Health,
Bethesda, Md.
Mudd, Seeley G., *W.M.* 1926
523 W. 6th, Los Angeles, Calif.
MUELLER, E. H. J., r.p. *Psychiat.* M. G. H.
MUELLER, H. PETER, clin. assoc. *R.* M. G. H.
Mueller, Harry L., *C.M.* 1935
31 Church, Winchester

MUELLER, W., dir. *Otolar. Path.* Mass. E. & E. Inf.
Mulford, E. H., II, a.r.s. *N.S.* 1947 144 Golden Hill, Bridgeport, Conn.
Müller, A. F., a.r.p. 1953 Hôpital Cantonal, Univ. of Geneva, Geneva, Switzerland
Munro, Jeannette, *C.M.* 1929 Princeton Hosp., Princeton, N. J.
Munro, N. D., *E.S.* 1942; r.s. 1944 740 W. Michigan Ave., Jackson, Mich.
MURPHY, G. B., Jr., a.r.s. (*S.* 1952) M. G. H.
MURPHY, H. J., a. dir. M. G. H.
MURPHY, W. F., attend. psychiat. (*McL.*) 11 Marlborough
Murray, D. B., a.r.p. *Path.* 1956 New Eng. Deaconess Hosp.
MURRAY, J. E., clin. assoc. *S.* 330 Dartmouth
Musgrave, Rhoda U., r.p. *Psychiat.* (*McL.*) 1937 address unknown
Mushatt, C., r.p. *Psychiat.* 1946 270 Commonwealth Ave.
Myers, E. E., *Or.* 1933 271 W. Short, Lexington, Ky.
MYERS, G. S., assoc. p. (*W.M.* 1942); c.r.p. 1943 M. G. H.
NADAS, A. S., a.p. *C.M.* Children's Med. Center
NARDI, G. L., a.s. (*E.S.* 1945); r.s. 1951 M. G. H.
NATHAN, L., clin. assoc. *Or.* (*Or.* 1930) 475 Commonwealth Ave.
NELLHAUS, G., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.
Nelson, C., *E.S.* 1939 490 Post, San Francisco, Calif.
Nelson, R. M., a.r.s. 1954 Univ. of Utah Sch. of Med., Salt Lake City, Utah
Nelson, W. M., *E.M.* 1920 1305 4th Ave., Seattle, Wash.
NEMIAH, J. C., assoc. psychiat.; a.r.p. *Psychiat.* 1949 M. G. H.
Neptune, E. McC., *E.S.* 1928 109 W. Onondaga, Syracuse, N. Y.
Nesche, G. E., r.p. *W.M.* 1929 2938 McClure, Oakland, Calif.
NEUMANN, E. T., admin. M. G. H.
NEVILLE, C. W., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley
Newell, James W., *W.S.* 1943; j.r.s. 1944 29 Glen Alpine Rd., Piedmont, Calif.
NEWELL, JOHN L., assoc. obst. (*E.S.* 1932) 1101 Beacon, Brookline
Newhall, H. F., *E.S.* 1906 51 Nahant, Lynn
Newman, E. V., *C.M.* 1941 Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Newstedt, J. R., r.s. 1950 108 William Howard Taft Rd., Cincinnati, Ohio
Nicholson, J. T., r.s. *Or.* 1933 1740 Bainbridge, Philadelphia, Pa.
Nicosia, A. P., a.r.p. *C.M.* 1949 348 Park Ave., Munsey Park, Manhasset, Long Island, N. Y.
Nielsen, T. W., *S.* 1949; a.r.s. 1953 60 S. 4th, East, Salt Lake City, Utah
Nilges, R. G., r.s. *N.S.* 1951 2717 Wabash Ave., Gary, Ind.
Noble, C. A., Jr., *E.M.* 1931 384 Post, San Francisco, Calif.
NOBLES, E. R., Jr., a.r.s. (*S.* 1955) M. G. H.
Norbury, F. B., *M.* 1949 1631 Mound Ave., Jacksonville, Fla.
Norcross, J. W., *E.M.* 1937 605 Commonwealth Ave.
Normann, N., a.r.p. *An.* 1951 Eastern Pennsylvania Psychiatric Inst., Philadelphia, Pa.
NORTON, P. L., v.s. *Or.* (*Or.* 1933); r.s. *Or.* 1934 1101 Beacon, Brookline
NOSS, G. M., a.dn.s. 31 Bay State Rd.
O'Brien, F. W., Jr., a.r.p. *R.* 1951 465 Beacon
O'BRIEN, RICHARD G., a. *R.* 1265 Beacon, Brookline; 465 Beacon
O'Brien, Robert M., *Or.* 1941 4161 Lindell Blvd., St. Louis, Mo.
O'BRIEN, W. M., a.r.p. (*M.* 1957) M. G. H.
O'Connor, D. S., *Or.* 1925 Yale Univ. Sch. of Med., New Haven, Conn.
O'Connor, H., a.r.s. *Or.* 1953 Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Odland, G. F., *M.* 1947; r.p. *D.* 1954 1523 Medical and Dental Bldg., Seattle, Wash.
OFFENBACH, BERTHA, a. *Oph.* 270 Commonwealth Ave.
Ogden, R. T., *C.M.* 1925 179 Allyn, Hartford, Conn.

OJEMANN, R. G., a.r.s. *N.S.* M. G. H.
OKAMURA, I. D., a. *Oph.* Mass. E. & E. Inf.
O'KEEFE, E. S., hon. p. 31 Broad, Lynn
O'Keeffe, A. F., a.r.s. 1951 410 South, Needham
OLIN, M. J., a. dn. s. 29 Commonwealth Ave.
O'MALLEY, A. F., a.r.s. *U.* M. G. H.
Omer, J. A., *Or.* 1912 4 E. Congress, Tucson, Ariz.
Organick, A. B., *M.* 1952; a.r.p. 1953 Navajo Med. Center Sanitarium, Fort Defiance, Ariz.
Ormandy, L., *Or.* 1943 1532 16th, N.W., Washington, D. C.
Orski, Barbara M., *C.M.* 1955; a.r.p. *C.M.* 1956 Kaiser Foundation Hosp., Oakland, Calif.
Osborne, R. K., *M.* M. G. H.
Osgood, Herman A., h.p. *R.* 1919 144 Commonwealth Ave.
Osgood, Howard, *E.M.* 1917 187 Linwood Ave., Buffalo, N. Y.
O'SHEA, J. A., clin. assoc. *C.M.*; a.r.p. *C.M.* 1950 11 William, Andover
Osius, E. A., *W.M.* 1923 901 David Whitney Bldg., Detroit, Mich.
O'SULLIVAN, RENÉE B., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.
Ottenheimer, E. J., *E.S.* 1924 29 North, Willimantic, Conn.
Owen, W. R., *M.* 1950; r.p. 1952 1007 Hermann Professional Bldg., Houston, Tex.
Owyang, Pauline, *C.M.* 1943 4797 Telegraph Ave., Oakland, Calif.
PACKARD, F. H., supt. emeritus (*McL.*) 25 Gregory, Marblehead
Packard, G. B., *E.S.* 1916; h.s. *E.S.* 1917 227 16th, Denver, Colo.
PACKERT, R. C., a.r.p. *R.* M. G. H.
Page, L. B., *M.* 1950; r.p. 1956 M. G. H.
PALMER, R. S., p. (*W.M.* 1927) 330 Dartmouth
Papadopoulos, D. A., r.s. *U.* 1956 4 Dragoumi, Thessalonica, Greece
Park, J. H., *C.M.* 1918 3720 Fannin, Houston, Tex.
Parker, G. D., *Dn.* 1939 5528 E. 33rd Ave., Denver, Colo.
Parker, Jack S., *W.S.* 1946 3 Seaward Rd., Wellesley Hills
Parker, James M., *E.S.* 1937 31 Deering, Portland, Maine
Parkhurst, A. E., *W.M.* 1919 1 Monument Sq., Beverly
PARKHURST, E. C., sr. a.r.s. *U.* M. G. H.
Parmenter, D. C., *E.M.* 1918 Dyer County Health Dept., Dyersburg, Tenn.
Parnall, E., *Or.* 1932 702 E. Central Ave., Albuquerque, N. M.
Parson, W., c.r.p. 1942 Sch. of Med., Univ. of Virginia, Charlottesville, Va.
PARSONS, ANNE, a. sociol. (*McL.*) McLean Hosp., Waverley
PARSONS, L., *Bd. of Cons.* (*W.S.* 1929) 203 Commonwealth Ave.
Patterson, H. E., a.r.p. *C.M.* 1952 1111 W. Yakima Ave., Yakima, Wash.
PATTERSON, J. F., clin. assoc. *D.* 171 Harrison Ave.
Patterson, Robert L., Jr., *Or.* 1935 148 E. 65th, New York, N. Y.
Patterson, Russel H., *E.S.* 1919; h.s. *U.* 1920 63 E. 91st, New York, N. Y.
Paul, J. R., Jr., *C.M.* 1943 4002 Hammersley Ave., Madison, Wis.
Paul, O., *W.M.* 1943 122 S. Michigan Ave., Chicago, Ill.
PAVLO, I. L., a. *Oph.* 520 Beacon
Peabody, C. W., *E.S.* 1917 and *Or.* 1920 474 Fisher Bldg., Detroit, Mich.
Peabody, H. D., Jr., *M.* 1945 3147 Front, San Diego, Calif.
Pearse, R. L., *E.S.* 1934 604 W. Chapel Hill, Durham, N. C.
Pearson, C. M., a.r.p. *Path.* 1948 605 Commonwealth Ave.
Pearson, O. H., *W.M.* 1941; a.r.p. 1942 Memorial Hosp., New York, N. Y.
Pechet, M. M., a.r.p. 1952 M. G. H.
PEDERSON, D. P., c.r.p. *An.* M. G. H.
PEEBLES, T. C., a. *C.M.* (*C.M.* 1952); c.r.p. *C.M.* 1955 100 Summer, Weston

Peete, W. P. J., *S.* 1948; r.s. 1953
Sch. of Med., Duke Univ., Durham, N. C.

PEIFFER, GERALDINE M., a.r.p. *An.* M. G. H.

PENDLETON, M. E., a.p. *C.M.*
1101 Beacon, Brookline

Perkins, A., *E.S.* 1925
1900 Lincoln Ave., Ogden, Utah

Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.

Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919
2490 Channing Way, Berkeley, Calif.

Perley, A. I., r.p. *D.* 1948
2030 11th Ave., South, Birmingham, Ala.

PERLO, V. P., a.n. 412 Beacon

Perrin, G. M., *C.M.* 1953; a.r.p. *C.M.* 1954
Boston City Hosp.

Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947
Zurich, Switzerland

PERRY, JALNA A., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley

Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930
Duke Hosp., Durham, N. C.

Peters, J. H., *W.M.* 1943
U.S. Vet. Adm. Hosp., Atlanta, Ga.

Petersen, J. A., r.p. *R.* 1956
81 College Ave., Somerville

Peterson, E. W., *M.* 1944; a.r.p. 1947
Arneill Clinic, Denver, Colo.

Peterson, Harold O., a.r.p. *R.* 1936
350 St. Peter, St. Paul, Minn.

Peterson, Hugo O., *E.M.* 1912
36 Pleasant, Worcester

Petranek, J. R., *M.* 1954; a.r.p. 1955
Pondville Hosp., Walpole

PFEFFER, W., Jr., a.p. *C.M.*
356 Walnut, Wellesley

Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923
3038 St. Paul, Baltimore, Md.

Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949
319 Longwood Ave.

Phippen, W. G., *S.S.* 1906
31 Chestnut, Salem

PICARD, E. H., a.r.p. *N.* M. G. H.

PICK, W., clin. assoc. *C.M.*; r.p. *C.M.* 1947
42 Fox, Fitchburg

Pickard, N. S., *Or.* 1940
Plaza Med. Bldg., Kansas City, Mo.

PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942
262 Beacon

Pier, G., *W.S.* 1943
111 E. 94th, New York, N. Y.

Pierce, F. D., r.p. *W.M.* 1931
Fort Lauderdale, Fla.

PIERCE, IRENE R., c. psychol. (*McL.*)
McLean Hosp., Waverley

Pike, M. M., *Or.* 1929
85 Jefferson, Hartford, Conn.

Pillsbury, P. L., *W.M.* 1942
3512 Clay, San Francisco, Calif.

Pinckney, M. M., *W.M.* 1932
311 Med. Arts Bldg., Richmond, Va.

PIPPITT, R. B., a.s. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941
328 Washington, Wellesley Hills

Pitkin, H. C., *Or.* 1926
909 Hyde, San Francisco, Calif.

PITTMAN, HELEN S., assoc. p.
264 Beacon

Pittman, J. A., Jr., *M.* 1953; a.r.p. 1954
National Inst. of Health, Bethesda, Md.

Pitts, J. D., *S.* 1950; a.r.s. 1956
314 Angell, Providence, R. I.

Placak, J. C., Jr., *W.S.* 1936
10515 Carnegie Ave., Cleveland, Ohio

PLACE, E. H., cons. *Contag. Dis.*
Boston City Hosp.

Plotkin, L. H., *C.M.* 1955; a.r.p. *C.M.* 1956
Children's Med. Center

Pohl, J. F., *Or.* 1934
78 S. 9th, Minneapolis, Minn.

POINT, W. W., a.p. 330 Dartmouth

POLANSKY, S. C., a.dn.s.
60 Washington, Salem

Polderman, H., *An.* 1941
Waverly Hills Sanatorium, Waverly Hills, Ky.

POLITANO, V. A., a.u. M. G. H.

POLLARD, J. T., Jr., a.r.p. *R.* M. G. H.

POLLEN, A., a.s. *Oph.* 636 Beacon

PONTOPPIDAN, H., a.r.p. *An.* M. G. H.

POPE, A., n.p. (*McL.*)
McLean Hosp., Waverley

PORTER, H., a.n.; r.p. *N.* 1946 M. G. H.

PORTER, P. J., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.

POTSAID, M. S., r.p. *R.* M. G. H.

POULES, RUTH E., exec. a. *B.M.* (*R.N.*) M. G. H.

POULIN, F. K., a.dn.s. (*Dn.* 1942)
196 Marlborough

Powell, S. M., Jr., a.r.p. *C.M.* 1947
301 Palmero, Corpus Christi, Tex.

Prather, G. C., *E.S.* 1925
1180 Beacon, Brookline

Pratt, T. C., *E.S.* 1929
1101 Beacon, Brookline

PREKUP, J. T., a. dir. (*McL.*)
McLean Hosp., Waverley

PRICE, S. E., Jr., a.r.s. (*S.* 1955) M. G. H.
Prindle, K. H., *N.* 1926 and *W.S.* 1928 23 Baldwin Ave., San Mateo, Calif.
PROBST, J.-H., a.r.p. *C.M.* M. G. H.
PRYLES, C. V., a.p. *C.M.* Boston City Hosp.
Putnam, C. R. L., *S.S.* 1895 333 E. 68th, New York, N. Y.
Putnam, H. M., *E.M.* 1937 743 High, Dedham
Putnam, J. J., *C.M.* 1920 28 School, Foxboro
Putnam, T. J., *E.S.* 1923 450 N. Bedford Dr., Beverly Hills, Calif.
Quan, S. H. Q., *Path.* 1947 Memorial Hosp., New York, N. Y.
QUARTON, G. C., assoc. psychiat.; r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1950 M. G. H.
QUINBY, J. T., a.p. (*E.M.* 1941) 264 Beacon
QUINBY, W. C., Jr., a.s.; r.s. 1950 264 Beacon
Quinn, T. J., Jr., r.p. *An.* 1950 505 2nd Ave., San Bruno, Calif.
Rabinowitz, M., a.r.p. 1955 M. G. H.
RABKIN, M. T., a.r.p. (*M.* 1956) M. G. H.
RACKEMANN, F. M., *Bd. of Cons.* (*E.M.* 1914) 263 Beacon
Radcliffe, E. J., *Or.* 1925 67 Butterfield Ter., Amherst
Radebaugh, J. F., Jr., *C.M.* 1954; a.r.p. *C.M.* 1955 81 Parkview Ave., Bangor, Maine
RAE, R. G., dn.s. 145 W. Elm, Brockton
Ragland, S., Jr., *M.* 1951; a.r.p. 1952 3540 Floyd Ave., Richmond, Va.
RAK, I. P., a. *Psychiat.* 422 Beacon
Raker, J. W., *E.S.* 1942; r.s. 1949 Pennsylvania Hosp., Philadelphia, Pa.
Ramcharan, Savitri, *C.M.* 1954 Trinidad, British West Indies
Randall, Raymond V., *M.* 1946 Mayo Clinic, Rochester, Minn.
Randall, Russell E., Jr., a.r.p. 1956 320 James, Teaneck, N. J.
RANDOLPH, J. G., a.r.s. M. G. H.
Rappleye, W. C., *W.M.* 1919 630 W. 168th, New York, N. Y.
Rasmussen, H., *M.* 1953; a.r.p. 1955 University Coll. Hosp., London, England
Rasmussen, Jane S., *C.M.* 1954; a.r.p. *C.M.* 1955 University Coll. Hosp., London, England
Ratcliffe, J. W., *W.S.* 1946 111 St. Matthews Ave., San Mateo, Calif.
Rauh, A. E., *C.M.* 1936 Lyons, N. Y.
Ray, L. F., r.p. *D.* 1939 Medical Dental Bldg., Portland, Oreg.
Rebello, D. J. A., a.r.p. *D.* 1954 St. Joseph's Hosp., Lowell
RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) 234 Marlborough
Reed, C. R., Jr., *Or.* 1936 1833 Line Ave., Shreveport, La.
REED, G. F., a.s. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
REEVES, J. D., assoc. r.; r. (*McL.*); r.p. *R.* 1951 M. G. H.
Reeves, R. J., r.p. *R.* 1926 Duke Hosp., Durham, N. C.
REGAN, C. D. J., a. *Oph.* 520 Commonwealth Ave.
REGGIO, A. W., hon. s. (*W.S.* 1914) School, Medfield
Register, J. F., *Or.* 1936 137 Bishop, Greensboro, N. C.
REID, D. E., *Bd. of Cons.* 221 Longwood Ave.
Reid, Elizabeth Aub, *M.* 1952 Mass. Mental Health Center
REIDY, J. A., a.s. *Or.* (*Or.* 1939) 1101 Beacon, Brookline
Reilly, W. A., *C.M.* 1928 Vet. Adm. Hosp., San Francisco, Calif.
REITH, H. C., clin. assoc. *Dn.* 370 Commonwealth Ave.
Revercomb, P. H., a.r.p. 1933 1031 Quarrier, Charleston, W. Va.
REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945 330 Dartmouth
Reynolds, G. S., r.s. *Thd. S.* 1924 100 North, Pittsfield
Rhinelander, F. W., *E.S.* 1937 and *Or.* 1938 Cleveland City Hosp., Cleveland, Ohio
RHODES, F. I., dn.s. 1352 Beacon, Brookline
Rhodes, J. S., r.s. *U.* 1935 700 W. Morgan, Raleigh, N. C.
Richards, D. N., *E.S.* 1912 400 29th, Oakland, Calif.
Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948 166 Tunnell Rd., Berkeley, Calif.
RICHARDS, R. S., a.r.p. *R.* M. G. H.

RICHARDSON, EDWARD P., Jr., a.n. and assoc. n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.
RICHARDSON, G. S., a. *S.* (*W.S.* 1947); r.s. 1954 M. G. H.
RICHARDSON, J. R., s. *Otolar.* 403 Commonwealth Ave.
Richardson, W. R., *W.S.* 1945; a.r.s. 1950 2754 Bush Blvd., Birmingham, Ala.
RICHIE, R. H., Jr., a.r.p. *C.M.* M. G. H.
Riddell, R. V., *E.S.* 1943 and *Path.* 1947 902 Edmond, St. Joseph, Mo.
Riege, D. H., *C.M.* 1947 1711-15 Roosevelt Ave., San Antonio, Tex.
RIEMER, K., a.s. *Oph.* 403 Commonwealth Ave.
Riley, A., *S.S.* 1909 59 Bay State Rd.
Risley, E. H., *E.S.* 1908 27 College Ave., Waterville, Maine
Risley, T. S., *E.S.* 1942; r.s. 1947 1 Monument Sq., Beverly
Ritchie, A. C., a.r.p. *Path.* 1954 St. Mary's Hosp., Montreal, Canada
ROBBINS, L. L., c. *R.*; r.p. *R.* 1941 M. G. H.
Robert, Francoise J., a.r.p. *Path.* 1956 M. G. H.
Roberts, C. D., a.r.p. 1938 109 E. Palisade Ave., Englewood, N. J.
Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947 203 Commonwealth Ave.
Robertson, O. H., *W.M.* 1914 Univ. of Chicago, Chicago, Ill.
ROBEY, J. S., a. *C.M.* (*C.M.* 1953); a.r.p. *C.M.* 1956 51 Brattle, Cambridge
ROBILLARD, R. L., a.r.p. *N.* M. G. H.
Robins, E., a.r.p. *Psychiat.* 1945 Washington Univ. Sch. of Med., St. Louis, Mo.
Robinson, C. M., *W.S.* 1913 31 Deering, Portland, Maine
Robinson, J. M., r.p. *R.* 1936 Univ. of California Hosp., San Francisco, Calif.
ROCK, J., *Bd. of Cons.* (*W.S.* 1919) 32 Cumberland Ave., Brookline
Rockey, E. W., *E.S.* 1914 330 Med. Arts Bldg., Portland, Oreg.
ROCKWOOD, ETHEL M., *Bd. of Cons.* 416 Marlborough
Rodgers, R. S., r.s. *U.* 1947 547 Med. Arts Bldg., Minneapolis, Minn.
RODKEY, G. V., a. *S.* (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950 266 Beacon
Roe, B. B., *W.S.* 1943; r.s. 1950 384 Post, San Francisco, Calif.
Rogers, D. M., *C.M.* 1938 9 Pine, S. Hamilton
ROGERS, H., *Bd. of Cons.* (*E.S.* 1925) 264 Beacon
Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916 140 Ogden, New Haven, Conn.
ROGERS, WILLIAM A., *Bd. of Cons.* (*Or.* 1924) 266 Beacon
ROGERS, WILLIAM P., Jr., a. *S.*; a. *Otolar.* 264 Beacon
Rolett, E. L., *M.* 1956 Presbyterian Hosp., New York, N. Y.
ROOPENIAN, A., a.s. *Otolar.* 475 Commonwealth Ave.
Roots, L. H., *W.S.* 1933 Hua Chung College, Hsichow, China
ROPES, MARIAN W., assoc. p.; a.r.p. 1934 M. G. H.
Rosales, Remedios K., r.p. *N.P.* 1952; a.r.p. *Path.* 1954 24 Fenwood Rd.
Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934 Univ. of California Med. Center, Los Angeles, Calif.
ROSE, J. A., a.r.p. (*M.* 1957) M. G. H.
Rosen, R. B., *C.M.* 1953; a.r.p. *C.M.* 1954 Children's Med. Center
Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939 Cincinnati Gen. Hosp., Cincinnati, Ohio
ROSENBERG, E. W., a.r.p. *D.* M. G. H.
ROSENKRANTZ, J. G., a.r.s. (*S.* 1954) M. G. H.
Rosenman, L. D., *E.S.* 1943; a.r.s. 1949 2320 Sutter, San Francisco, Calif.
Rosenthal, A. L., a.r.p. *D.* 1956 c/o Dr. Charles R. Rein, 580 5th Ave., New York, N. Y.
ROSS, R. A., p. *C.M.* 51 Brattle, Cambridge
Rosser, C., *W.S.* 1918 1719 Pacific Ave., Dallas, Tex.
Roth, J. d'A., *M.* 1945 Regional Hosp., SHAAF, Salvia, Kan.

Roth, S. I., *Path.* M. G. H.
Rothberg, H. D., Jr., *M.* 1954; a.r.p. 1955
Walter Reed Army Med. Center, Washington, D. C.
ROTHFELD, L. J., a.r.p. *An.* M. G. H.
ROUILLARD, F., a. obst.
319 Longwood Ave.
ROUNDS, C. E., dn.s. (*Dn.* 1947)
403 Commonwealth Ave.
ROURKE, GRACE MARGARET, res. assoc. *M.* M. G. H.
ROVIT, R. L., a.r.s. *N.S.* M. G. H.
ROWE, C. R., a.s. *Or.* (*Or.* 1939)
264 Beacon
ROWE, J. C., r.p. (*M.* 1952)
M. G. H.
Rowell, H. G., *W.S.* 1921
525 W. 120th, New York, N. Y.
RUBEN, M., a.s. *Otolar.*
311 Commonwealth Ave.
Rubinstein, J. H., *C.M.* 1954; a.r.p. *C.M.* 1955 Children's Hosp., Cincinnati, Ohio
RUDY, H. A., a. *U.* 60 Brattle, Cambridge
Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940
2015 R, N.W., Washington, D. C.
Rukes, J. M., *M.* 1950; a.r.p. 1952
Barnes Hosp., St. Louis, Mo.
Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942
Med. Arts Bldg., Oak Ridge, Tenn.
RUNGE, P. M., a. *Oph.*
140 Marlborough
Russell, H. N., Jr., *C.M.* 1939
Greeley Clinic, Greeley, Colo.
RUSSELL, P. S., a. *S.* (*S.* 1949); r.s. 1956 M. G. H.
RUSSFIELD, AGNES BURT, a. path. (*Path.* 1950); a.r.p. *Path.* 1951
M. G. H.
Rutherford, Robert N., *W.S.* 1938
707 Broadway, Seattle, Wash.
Rutherford, Rondall W., *C.M.* 1933
21 Institution Ave., Newton Centre
RUTLEDGE, R. H., r.s. (*S.* 1950)
M. G. H.
RUTSTEIN, D. D., assoc. p.
H. M. S.
Rutter, T., *E.S.* 1946; a.r.s. 1949
Jackson Clinic, Madison, Wis.
Ryan, C. D., a.r.s. *W.S.* 1928
115 E. 61st, New York, N. Y.
Ryan, J. P., *Dn.* 1953 211 6th, Mechanicville, N. Y.
Ryan, K. J., *M.* 1953; a.r.p. 1954
M. G. H.
RYAN, MILDRED L., a.d.
57 W. Elm, Brockton
Sabin, H. S., r.s. *U.* 1941
1801 K, N.W., Washington, D. C.
SACK, T., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp., Cooperstown, N. Y.
SAIDI, F., a.r.s. M. G. H.
St. AUBIN, P. M. G., a.r. (*M.* 1948); r.p. *R.* 1953 M. G. H.
St. GOAR, W. T., a. *M.* (*M.* 1950); r.p. 1952 262 Beacon
Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34, Bogotá, Colombia
SALZMAN, E. W., a.r.s. (*S.* 1954)
M. G. H.
Sampson, D. A., a.r.p. *R.* 1937
203 Suburban Sq. Bldg., Ardmore, Pa.
Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.
SAMS, B. J., Jr., r.p. M. G. H.
Sanborn, F., *N.S.* 1939
S. Royalton, Vt.
Sanchez, G. C., *M.* 1950; a.r.p. 1951
M. G. H.
Sanders, M. B., *E.S.* 1920
American Hosp., Neuilly, Paris, France
Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave., Tacoma, Wash.
Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949 Yale Psychiat. Clinic, New Haven, Conn.
SANDLER, A. I., r.p. (*M.* 1956)
M. G. H.
Sands, K. F., a.r.p. *C.M.* 1948
319 Longwood Ave.
Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.
Sarnoff, S. J., a.r.s. 1947
Harvard Sch. of Public Health
SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn
SASAHARA, A. A., a.r.p. M. G. H.
SASLOW, G., psychiat.; r.p. *Psychiat.* 1943 M. G. H.
Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg., Washington, D. C.
Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington

Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.
SCANNELL, J. G., assoc. v.s. (*E.S.* 1941); r.s. 1946 M. G. H.
SCEERY, R. T., a.p. *C.M.* (*C.M.* 1951); c.r.p. *C.M.* 1953
109 N. Main, Cohasset
Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave., Newark, N. J.
SCHALL, L. A., c. *Otolar.* Mass. E. & E. Inf.
SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline
Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y.
SCHEPENS, C. L., a.s. *Oph.*
327 Charles
Schiebler, G. L., *C.M.* 1955; a.r.p. 1956 36 Grandview Ter., Hamburg, Pa.
SCHMID, K., assoc. biochem. *M.* M. G. H.
SCHMITT, F. O., *Trustee* M. I. T., Cambridge
Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.
Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, T. H.
Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.
Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave., Milwaukee, Wis.
Schoen, E. J., a.r.p. *C.M.* 1954
Kaiser Foundation Hosp., Oakland, Calif.
Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd., Los Angeles, Calif.
SCHOLL, MARY L., a.p. *C.M.* M. G. H.
SCHUELER, H. K., r.s. *U.* M. G. H.
Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave., Los Angeles, Calif.
SCHULZ, M. D., r. M. G. H.
Schuster, S. R., a.r.s. 1952
Children's Med. Center
SCHWAB, R. S., n.; r.p. *N.* 1935 M. G. H.
Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med., Milwaukee, Wis.
Schwyzer, Marguerite, a.r.p. 1946
2069 Ford Parkway, St. Paul, Minn.
SCOTT, ALFRED W., a. *Oph.*
5 Bay State Rd.
Scott, Arthur C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.
SCOTT, D. H., a. *Oph.*
1 Monument Sq., Beverly
SCOTT, J. F., assoc. biophysicist *M.* M. G. H.
Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W., Canton, Ohio
Scott, T., r.p. 1939
200 W. 2nd, Lexington, Ky.
SCULLY, R. E., assoc. path. M. G. H.
Seabury, R. B., *W.S.* 1918
315 Whitney Ave., New Haven, Conn.
SEALE, E. S., a.s. *Oph.*
126 Bay State Rd.
Sears, J. B., *W.S.* 1929
416 Marlborough
Seed, J. C., *M.* 1946
Sterling Winthrop Research Inst., Rensselaer, N. Y.
Seelye, W. C., *W.S.* 1900
390 Main, Worcester
Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.
SELVERSTONE, B., clin. assoc. *N.S.*; r.s. *N.S.* 1947
New Eng. Center Hosp.
Semrad, E. V., r.p. *Psychiat.* (*McL.*) 1938 196 Trapelo Rd., Belmont
Senior, B., *C.M.* 1950; a.r.p. *C.M.* 1951
904 Med. Centre, Jeppe, Johannesburg, South Africa
SEWALL, W. F., a. obst.
466 Commonwealth Ave.
Shaffer, F. G., *S.* 1952; r.s. *U.* 1955; a.r.s. 1956 221 Fairmont Ave., Fairmont, W. Va.
Shaffer, H. A., a.r.p. *R.* 1932
244 Lebanon Ave., Hopecrest, Morgantown, W. Va.
SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.
Shannon, E. W., r.s. *N.S.* 1944
1314 Hanna Bldg., Cleveland, Ohio
Shannon, James G., *Or.* 1931
37 Ontario, South, St. Catharines, Ontario, Canada
SHANNON, JAMES M., clin. assoc. *S.* (*S.* 1948); a.r.s. 1954
31 Chestnut, Salem
Shannon, P. W., *Or.* 1934
1927 1st Ave., North, Birmingham, Ala.
SHARPE, J. D., assoc. psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1951 McLean Hosp., Waverley

SHATTUCK, G. C., cons. *T. Dis.* (*E.M.* 1906) H. M. S.

Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.

Shaw, H. A., *W.S.* 1891
121 E. 31st, New York, N. Y.

Shaw, J. L., r.s. *P.H.* 1935 and *U.* 1937 899 Madison Ave., Memphis, Tenn.

SHAW, R. S., a. *S.* and a. dir. of *Blood Bank* (*W.S.* 1946); r.s. 1952 M. G. H.

Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline

SHEA, MARJORIE L., cons. for Community Relations M. G. H.

Shedden, W. M., *E.S.* 1920; h.s. *U.* 1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.

SHELDON, C. P., assoc. obst. (*E.S.* 1931) 319 Longwood Ave.

Sheldon, D. B., *S.* 1951; a.r.s. 1955
Univ. of California Med. Center, Los Angeles, Calif.

SHELDON, R. F., *Bd. of Cons.* (*E.S.* 1912) 31 Pinckney

SHERMAN, GRACE H., exec. a. *B.M.* (*S.N.* 1934) M. G. H.

Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.

Ship, I. I., *Dn.* M. G. H.

Shipley, Margaret S., *E.M.* 1943
310 Kenoza Ave., Haverhill

Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.

Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton

SHLOSSBERG, F. R., a.s. *Otolar.*
116 Emerson, Haverhill

Shorey, W. D., *E.S.* 1946; a.r.s. 1950
59 E. Madison, Chicago, Ill.

SHORT, C. L., p. (*W.M.* 1930); c.r.p. 1933 264 Beacon

Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham

SHURTLEFF, D. B., a.r.p. *C.M.* (*C.M.* 1956) M. G. H.

Sidman, R. L., a.r.p. *N.* 1956
Lab. of Neuroanatomical Sciences, National Inst. of Health, Bethesda, Md.

SIFNEOS, P. E., assoc. psychiat.; r.p. *Psychiat.* (*McL.*) 1950; r.p. *Psychiat.* 1952 M. G. H.

Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.

SILVERMAN, S., attend. psychiat. (*McL.*) McLean Hosp., Waverley

SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cleveland City Hosp., Cleveland, Ohio

SIMMONS, F. A., assoc. v.s. (*W.S.* 1935) M. G. H.

Simon, R. L., *Or.* 1932
620 W. 4th, Williamsport, Pa.

Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.

Singh, M. M., *M.* 1952; r.p. 1956
Gaya, Bihar, India

SINGLE, MARGARET A., a.r.p. *C.M.* M. G. H.

Siperstein, M. D., a.r.p. 1955
Univ. of Texas Med. Sch., Dallas, Tex.

SISCOE, D. L., *Bd. of Cons.* (*E.M.* 1921) 1101 Beacon, Brookline

SISSON, W. R., *Bd. of Cons.* (*C.M.* 1912) 203 Commonwealth Ave.

Skinner, A. L., Jr., *C.M.* 1953
Children's Orthopedic Hosp., Seattle, Wash.

Skinner, J. C., r.p. *Psychiat.* 1948
Orchard Ave., Weston

Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934
University Hosp., Augusta, Ga.

SLEEPER, E. L., clin. assoc. *Dn.*
25 Bay State Rd.

SLEEPER, RUTH, dir. *S.N.* and *Nurs. Serv.* (*S.N.* 1922) M. G. H.

SLEMONS, MARION L., a.p. *C.M.*
400 Commercial, Braintree

SLOANE, A. E., assoc. s. *Oph.*
416 Marlborough

Sloane, R. B., r.p. *Psychiat.* 1953
24 Shawville Gardens, Ilford, Essex, England

Smillie, J. W., *E.S.* 1944; j.r.s. 1945
Dept. of Oph., University Hosp., Ann Arbor, Mich.

SMITH, CLEMENT A., cons. *C.M.*
221 Longwood Ave.

Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921
490 Post, San Francisco, Calif.

Smith, E. Gerard, r.p. *R.* 1934
339 N. Duke, Lancaster, Pa.

Smith, Edward T., *Or.* 1937
6410 Fannin, Houston, Tex.

SMITH, G. G., hon. s. (*W.S.* 1909)
1101 Beacon, Brookline

Smith, Hervey L., *W.M.* 1907
235 Queens Lane, Palm Beach, Fla.

Smith, Howard W., *Dn.* 1946
64 Trumbull, New Haven, Conn.

SMITH, J. A., *Bd. of Cons.*
1180 Beacon, Brookline

SMITH, L. H., Jr., a. *M.* (*M.* 1949); c.r.p. 1956 M. G. H.

Smith, M. L., a.r.p. *An.* 1951
544 W. 2nd, Lexington, Ky.

SMITH, P. H., a. *An.* M. G. H.

Smith, Richard M., *W.M.* 1909
330 Dartmouth

Smith, Robert P., *M.* 1943
195 S. Union, Burlington, Vt.

SMITH, T. R., a. *Oph.* and *Oph.* path. Mass. E. & E. Inf.

Smith, W. Pierce, r.p. 1956
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon, Brookline

SMITH, WILLIAM H., hon. p. (*W.M.* 1897) 8 Marlborough

SMITH-PETERSEN, M., a. *Or.;* sr. r.s. *Or.* 1952 266 Beacon

SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928
203 Commonwealth Ave.

Sneddon, E. A., r.p. *An.* 1954
Mass. Memorial Hosp.

SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940
Memorial Hosp., Worcester

Snyder, J. C., *W.M.* 1939
Harvard Sch. of Public Health,
695 Huntington Ave.

Snyder, Monica H., r.p. *An.* 1935
10879 Whipple,
N. Hollywood, Calif.

Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd.,
Hollywood, Calif.

Sober, S., a.r.s. *Or.* 1953
481 Colbourne, London,
Ontario, Canada

SOHIER, W. D., Jr., a. *M.* (*M.* 1947); r.p. 1951 M. G. H.

Soholt, S. T., sr.r.s. *Or.* 1951
193 Arch, Redwood City, Calif.

SOJKA, FLORENCE C., exec. a. (*S.N.* 1947) M. G. H.

SOLOMON, H. C., *Bd. of Cons.;* cons. psychiat. (*McL.*)
Mass. Mental Health Center

Solomon, J., r.p. *N.* 1944
2331 W. 3rd, Los Angeles, Calif.

SOLOWAY, A. H., a. chem. *N.S.* M. G. H.

SOODAK, M., a. biochem. *M.* M. G. H.

SOSA, D., a.r.s. *N.S.* M. G. H.

Sosman, J. L., a.r.p. *R.* 1952
Children's Med. Center

Soule, A. B., Jr., a.r.p. *R.* 1932
Mary Fletcher Hosp.,
Burlington, Vt.

SOUTTER, L., clin. assoc. *S.;* a.r.s. 1941 80 E. Concord

SOWLES, H. K., *Bd. of Cons.* (*W.S.* 1917); h.s. *W.S.* 1918
Cumberland Centre, Maine

Spalding, R., *E.M.* 1902
Longwood Towers, Brookline

SPANGLER, A. S., a. *D.;* r.p. *D.* 1945 330 Dartmouth

Spangler, P. E., *W.S.* 1925
2747 S. W. Roswell Ave.,
Portland, Oreg.

Spear, L. M., *E.M.* 1906
483 Beacon

SPEARE, G. S., *Bd. of Cons.* (*W.S.* 1927) 353 Commonwealth Ave.

SPECTOR, L. B., a. biochem. *M.* M. G. H.

SPELLMAN, J. W., clin. assoc. *S.* (*Thd. S.* 1924 and *W.S.* 1926)
1101 Beacon, Brookline

Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak,
Dallas, Tex.

Spencer, Jack, r.p. *R.* 1934
10 Grayhurst Pk., Portland, Maine

Spencer, John R., *E.M.* 1943
2280 Clermont, Denver, Colo.

Spencer, R. E., a.r.p. *An.* 1951
Moses H. Cone Memorial Hosp.,
Greensboro, N. C.

Sphire, R. D., a.r.p. *An.* 1955
Grace Hosp., 4160 John R.,
Detroit, Mich.

Spiers, H. W., *Or.* 1920
4405 W. 9th,
N. Hollywood, Calif.

SPIRO, D., a. path. M. G. H.

Splithoff, C. A., *Or.* 1942
3406 Webster, Oakland, Calif.

Sporer, Edita Sternova, *An.* 1942
459 Park Ave., Paterson, N. J.

Sprague, Elizabeth H., *C.M.* 1953
New York Hosp., New York, N. Y.

SPRAGUE, H. B., *Bd. of Cons.* (*E.M.* 1924) 1180 Beacon, Brookline

SPRENG, KATHARINE E., r.p. (*M.* 1955) M. G. H.

Squire, Lucy F., a.r.p. *R.* 1944
Gen. Hosp. of Syracuse, Syracuse, N. Y.

Stall, B. G., III, *M.* 1947; r.p. 1949
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.

STANBURY, J. B., assoc. p. (*W.M.* 1941); c.r.p. 1948 M. G. H.

STANTON, A. H., c. psychiat. (*McL.*); psychiat. McLean Hosp., Waverley

STANTON, J. C., dn.s.
38 Maple, Danvers

Staples, O. S., Jr., *Or.* 1938
Hitchcock Clinic, Hanover, N. H.

Starobin, O. E., *M.* 1955; a.r.p. 1956
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain

Starr, I., *W.M.* 1922
Sch. of Med., Univ. of Pennsylvania, Philadelphia, Pa.

States, J. D., a.r.s. *Or.* 1955
35 Chestnut, Rochester, N. Y.

STAUFFER, RUTH E., a. *N.*; r.p. *N.* 1949 Peter Bent Brigham Hosp.

Stearns, T., *E.S.* 1913 and *Or.* 1914
736 Haxtun Ave., Orange, N. J.

STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem

Steel, D., r.p. *R.* 1925
7911 Detroit Ave., Cleveland, Ohio

Steele, B. W., Jr., a.r.s. 1952
1307 S. Main, Tulsa, Okla.

Steenburg, D. B., *E.S.* 1915
1016½ 12th, Aurora, Nebr.

Steenburg, E. K., *E.S.* 1919
1016½ 12th, Aurora, Nebr.

STENGER, R. J., a.r.p. *Path.* M. G. H.

Stephens, W. A., *Or.* 1943
Pasteur Med. Bldg., St. Louis, Mo.

Stern, N. S., *E.M.* 1917
899 Madison Ave., Memphis, Tenn.

STERNSTEIN, H. J., assoc. s. *Otolar.*
54 Winter, Norwood; 416 Marlborough

Stetson, J. B., a.r.p. *An.* 1953
Lowell Gen. Hosp., Lowell

Stetson, R. P., *W.M.* 1928
203 Commonwealth Ave.

Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916
105 William, New Bedford

Stevens, Horace P., *W.S.* 1907
985 Memorial Dr., Cambridge

Stewart, James M., *M.* 1946
344 West Ave., Rochester, N. Y.

Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.

Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.

Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, T. H.

Stewart, W. C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.

Stickney, R. C., *C.M.* 1920
68 Lathrop, Beverly

Stiefel, D. M., *Or.* 1923
1553 Woodward Ave., Detroit, Mich.

Stiff, D. W. S., r.p. *R.* 1950
Williston, Vt.

STILES, Q. R., a.r.s. (*S.* 1956) M. G. H.

Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine

Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave., Wilmington, Del.

STOECKLE, J. D., a.p. (*M.* 1949); r.p. 1951 M. G. H.

Stokes, J., Jr., *W.M.* 1921
Children's Hosp., Philadelphia, Pa.

STOKES, J., III, a. *M.*; r.p. 1954 M. G. H.

Stolman, J. M., *Dn.* 1956
D2912 Benson, Camden, N. J.

STONE, A. A., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley

STONE, BARTLETT H., a. obst.
1101 Beacon, Brookline

Stone, Bernard B., r.s. *N.S.* 1955
65 Elm, Worcester

STONE, W., Jr., a. *Oph.*
1101 Beacon, Brookline

Stout, H. A., *Path.* 1938; r.p. *Path.* 1939
Mayo Clinic, Rochester, Minn.

Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave., N. Hollywood, Calif.

Stovner, J., a.r.p. *An.* 1953
Fethlitzgt 1, Oslo, Norway

Straehley, C. J., Jr., *W.S.* 1947; a.r.s. 1953
Med. Arts Bldg., Syracuse, N. Y.

Strauss, A. E., *E.M.* 1916
539 N. Grand Ave., St. Louis, Mo.

Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.

Strom, J. O., r.p. *N.P.* 1955
National Hosp., London, England

Stunkard, A. J., *M.* 1946
Johns Hopkins Hosp.,
Baltimore, Md.

Sturdevant, C. L., *Or.* 1939
234 Marlborough

STURGIS, G. P., a.p.
1101 Beacon, Brookline

Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.

SUBY, H. I., assoc. v.u.; r.s. *P.H.* 1937 and *U.* 1939 262 Beacon

Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
604 Loraine Bldg.,
Grand Rapids, Mich.

SULLIVAN, C. L., a. obst.
1180 Beacon, Brookline

Sullivan, E. R., *E.M.* 1936 and *Path.* 1937; r.p. 1941
139 Adams, Milton

SULLIVAN, G. L., a.s. *Oph.*
101 Bay State Rd.

SUMMERALL, C. P., III, a.r.p. (*M.* 1956) M. G. H.

Surls, J. K., *Or.* 1920 and *E.S.* 1922
130 East End Ave.,
New York, N. Y.

Sussman, M. L., r.p. *R.* 1930
801 N. 2nd Ave., Phoenix, Ariz.

Sutherland, G. F., r.p. *Psychiat.* (*McL.*) 1941
Dept. of Mental Hygiene,
2218 N. Charles,
Baltimore, Md.

Sutphin, A. K., *W.M.* 1943; a.r.p. 1946 1805 Monument Ave.,
Richmond, Va.

Sutter, L. A., *D.* 1913
104 W. Douglas Ave.,
Wichita, Kan.

Suyama, E., *S.* 1951; a.r.s. 1955
Eastern Memorial Hosp.,
Ellsworth, Maine

SVENSON, ESTELLE C., exec. a. *B.M.* (*S.N.* 1922) M. G. H.

Swaim, L. T., *W.S.* 1912
Rock Maple Farm, E. Pepperell

Swan, Channing S., *W.S.* 1925
20 Gloucester

Swan, Charles L., Jr., *W.S.* 1929
20 Gloucester

SWARTZ, J. H., *Bd. of Cons.*
483 Beacon

SWARTZ, MORRIS, a. *Otolar.*
124 Ocean, Lynn

SWARTZ, MORTON N., a.p. (*M.* 1948); c.r.p. 1953 M. G. H.

Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic,
Detroit, Mich.

Sweet, C. D., *C.M.* 1913
2940 Summit, Oakland, Calif.

Sweet, E. B., a.r.s. *Or.* 1954
85 Jefferson, Hartford, Conn.

Sweet, P. L., *Dn.* 1949; a.r.s. *Dn.* 1950
45 Chambers

SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 87 Chestnut

Sweet, Robert B., a.r.p. *An.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.

SWEET, W. H., v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.

Sweetnam, G. H., *Dn.* 1937
743 High, Dedham

Swineford, O., Jr., *W.M.* 1927
Box 3373, University Station,
Charlottesville, Va.

SWINSON, MILDRED E., a. psychol. (*McL.*) McLean Hosp., Waverley

Sycamore, L. K., a.r.p. *R.* 1929
Hitchcock Clinic, Hanover, N. H.

Tabor, Celia White, *M.* 1945
3130 Wisconsin Ave., N. W.,
Washington, D. C.

TAFT, E. B., assoc. path. M. G. H.

TAFT, PRISCILLA D., a. *Path.*
M. G. H.

Talalay, P., *S.* 1949; a.r.s. 1950
Univ. of Chicago, Chicago, Ill.

Talbert, O. R., r.p. *N.* 1953
Med. Coll. of South Carolina,
Charleston, S. C.

TALBOT, F. B., hon. p. (*E.M.* 1907)
24 Cottage Farm Rd., Brookline

TALBOT, N. B., p. *C.M.* M. G. H.

Talin, J. J., *Or.* 1943
39 2nd, Troy, N. Y.

TALLAND, G. A., assoc. psychol.
M. G. H.

TALLON, J. B., a.r.s. *Or.*; a.r.p. *R.* 1953 M. G. H.

Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939
1010 Prince Ave., Athens, Ga.

T'an, Chung-Chang, *Or.* 1943
Children's Hosp.,
New York, N. Y.

Tanner, J. B., sr.r.s. *Or.* 1954
300 Homer Ave., Palo Alto, Calif.

Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 Goodspeed Bldg.,
Ionia, Mich.

Tatlock, H., *W.M.* 1940
26 Center, Northampton

TAYLOR, G. W., *Bd. of Cons.* (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925 264 Beacon

Taylor, I. M., *M.* 1946; c.r.p. 1951 North Carolina Memorial Hosp., Chapel Hill, N. C.

Taylor, John B., *Dn.* M. G. H.

Taylor, John H., *E.M.* 1917 37 Marlborough

Teel, C. E., *W.S.* 1925 1155 State, Bellingham, Wash.

TEFFT, R. C., Jr., *Bd. of Cons.* 266 Beacon

TENNEY, B., Jr., a. obst. (*W.S.* 1927) 203 Commonwealth Ave.

Tenney, Vivian A., a.r.s. *Gyn.* 1943 155 E. 49th, New York, N. Y.

Tetirick, J. E., *S.* 1952; a.r.s. 1956 2922 Ruhl Ave., Columbus, Ohio

Thacher, H. C., *C.M.* 1942 11 Turner, Auburn, Maine

Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950 18 Kraft Ave., Bronxville, N. Y.

Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928 31 Deering, Portland, Maine

THEOPOLD, P. H., *Trustee* 294 Washington

Theus, W. W., *Dn.* 1952 1019 Pickens, Columbia, S. C.

THOMA, K. H., hon. s. 1146 Beacon, Brookline

Thomas, Anne G. T., a.r.p. *Path.* 1956 Welch Sch. of Med., Cardiff, Wales

Thomas, H. M., Jr., *W.M.* 1917 314 Overhill, Baltimore, Md.

THOMAS, JACKSON M., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1933 319 Longwood Ave.

Thomas, John B., *M.* 1953; a.r.p. 1954 Boston City Hosp.

Thomas, R. L., *N.S.* 1933 and *E.S.* 1936 400 29th, Oakland, Calif.

Thomas, W. A., a.r.p. *Path.* 1951 Barnes Hosp., St. Louis, Mo.

Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948 Mass. Memorial Hosp.

Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935 Walter Reed Army Hosp., Washington, D. C.

Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946 704 Congress, Portland, Maine

THOMPSON, RALPH D., clin. assoc. *Dn.* 64 Columbus, Newton Highlands

THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940 26 Chestnut, Salem

Thompson, S. B., a.r.s. *Or.* 1947 Kernan Hosp. for Crippled Children, Baltimore, Md.

Thompson, V. P., *Or.* 1925 1136 W. 6th, Los Angeles, Calif.

Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931 Pinewood, Katonah, N. Y.

Thompson, William T., a.r.p. 1941 1000 W. Grace, Richmond, Va.

THORNDIKE, A., cons. *S.* (*W.S.* 1923) 15 Holyoke, Cambridge

Thorndike, W. T. S., *W.S.* 1919 Germantown Hosp., Germantown, Pa.

Thorp, E. G., *E.M.* 1931 Malden Hosp., Malden

THURLBECK, W. M., a.r.p. *Path.* M. G. H.

Tileston, W., *E.M.* 1900 Box CC, Carmel Valley, Calif.

TILLEY, R. F., a. d. 1180 Beacon, Brookline

TIMBERLAKE, W. H., a.n.; r.p. *N.* 1949 20 Gloucester

Timm, A. B., Jr., r.p. *D.* 1956 36 W. Main, Milford, Conn.

Tisdale, W. A., *M.* 1952; r.p. 1956 610 Whalley Ave., New Haven, Conn.

Tobin, W. J., *Or.* 1939 1835 Eye, N.W., Washington, D.C.

Todd, B. P., *W.M.* 1938 1 Monument Sq., Beverly

TODD, D. P., assoc. an.; r.p. *An.* 1947 M. G. H.

TOLL, G. D., a.r.s. (*S.* 1952) M. G. H.

TOLL, KAREL vanS., a. *N.* 197 Coolidge Hill Rd., Cambridge

TOLMAN, M. M., d. 636 Beacon

Tomchik, F. S., r.p. *R.* 1955 M. G. H.

TOMPKINS, D. G., a.r.s. *Or.* M. G. H.

Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937 Valleyhead, Concord

Toppan, R. L., *S.S.* 1910 148 High, Newburyport

Toriello J., r.p. *R.* 1955 4a Calle 6-35, Zone 1, Guatemala City, Guatemala

Tow, P. M., a.r.p. *Psychiat.* 1954 address unknown

Towery, B. T., r.p. 1946 Vanderbilt Univ., Nashville, Tenn.

TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923)
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Tracy, R. J., *E.S.* 1943; a.r.s. 1949
18 Bank Row, Pittsfield

Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937
99 Bay State Rd.

Traver, C. A., *W.S.* 1927
28 Willett, Albany, N. Y.

Traver, R. F., *E.S.* 1930
Vet. Adm. Hosp., Bath, N. Y.

Trethowan, W. H., a.r.p. *Psychiat.* 1951
Univ. of Sydney,
Sydney, New South Wales, Australia

Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934
274 Commonwealth Ave.

TRIEGER, N., a.dn.s. (*Dn.* 1955); a.r.s. *Dn.* 1956
M. G. H.

Tripp, C. C., *W.S.* 1923
416 County, New Bedford

Troppoli, D. V., *N.* 1927
380 Broadway, Providence, R. I.

TROTTER, R. R., a. *Oph.* and a.c. *Oph.*
Mass. E. & E. Inf.

Trowbridge, E. H., Jr., a.r.p. *N.* 1940
1102 Grand Ave., Kansas City, Mo.

Troxler, E. R., *Or.* 1942
1000 N. Elm, Greensboro, N. C.

TRUMP, J. G., cons. *Physics*
M. I. T., Cambridge

Tucci, J. H., *An.* 1944; r.p. *An.* 1945
Brockton Hosp., Brockton

Tucker, J. T., *Or.* 1930
116 E. Franklin, Richmond, Va.

Tucker, R. P., *W.S.* 1939; a.r.s. 1940
21 Lamboll, Charleston, S. C.

Tucker, W. I., r.p. *Psychiat.* 1944
605 Commonwealth Ave.

TUDOR, F., clin. assoc. *M.*
51 Randolph Ave., Milton

TURNER, J. D., a.r.p. (*M.* 1957)
M. G. H.

Tuttle, E. P., Jr., *M.* 1952; a.r.p. 1953
Emory Univ. Med. Sch.,
Atlanta, Ga.

Twombly, G. H., *W.S.* 1932
842 Park Ave., New York, N. Y.

Tyson, R. G., a.r.p. *C.M.* 1950
Permanente Hosp., Vallejo, Calif.

ULFELDER, H., c. *Gyn.* (*E.S.* 1939); r.s. *E.S.* 1941
M. G. H.

Ulick, S. C., *C.M.* 1952
Memorial Hosp., New York, N. Y.

Ulmer, J. L., r.s. *N.S.* 1942
McGuire Vet. Adm. Hosp.,
Richmond, Va.

Urist, M. R., sr. r.s. *Or.* 1947
1019 Grayley Ave., Westwood Village, Los Angeles, Calif.

Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930
Williams College,
Williamstown

URSCHEL, H. C., a.r.s. (*S.* 1956)
M. G. H.

Uyeda, C. I., *C.M.* 1950; a.r.p. *C.M.* 1951
2425 Geary Blvd.,
San Francisco, Calif.

Vagelos, P. R., *M.* 1955; a.r.p. 1956
National Inst. of Health,
Bethesda, Md.

Vance, L. A., *Path.* 1937; r.p. *R.* 1939
16 Atlantic, Lynn

Vance, R. G., r.p. *R.* 1924
262 Beacon

VANDERPOL, M., a. psychiat. (*McL.*)
14 Charlesgate West

Vanderveen, J. L., c.r.p. *An.* 1955
M. G. H.

VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943
16 Spafford Rd., Milton

Van Eerde, A., a.r.p. *An.* 1955
Paterson Gen. Hosp., Paterson, N. J.

VAN GORDER, G. W., *Bd. of Cons.*
262 Beacon

Van Nüys, F., *E.M.* 1907
338 Boston Post Rd., Weston

van Ravenswaay, A. C., *Path.* 1934
329 Main, Boonville, Mo.

van RAVENSWAAY, T., a.r.p. *Path.*
M. G. H.

Van Stone, W. D., *W.S.* 1920
1578 Humboldt, Denver, Colo.

Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938
1835 Eye, N.W., Washington, D. C.

Vaughan, R. H., *E.S.* 1944
29 Needham, Dedham

Vaughan, V. C., III, *C.M.* 1943
789 Howard Ave.,
New Haven, Conn.

VEAZEY, P. M., a.r.p. *C.M.* (*C.M.* 1956)
M. G. H.

Veldee, M. V., *E.M.* 1920
Stanford Research Inst.,
Stanford, Calif.

VERHOEFF, F. H., cons. c. *Oph.*
403 Commonwealth Ave.

Vial, A. B., *E.S.* 1943
2328 Fernwood, Ann Arbor, Mich.

VICKERY, A. L., Jr., assoc. path.
M. G. H.

VICTOR, M., a.n.
M. G. H.

VIETS, H. R., *Bd. of Cons.*
Longwood Towers, Brookline

Villee, Dorothy B., *C.M.* 1956
81 Cedar, Wellesley
VINCENT, B., hon. s. (*W.S.* 1903)
925 Boylston
Vitt, R. J., a.r.s. *Or.* 1951
793 N. Cherry Ave., Tulare, Calif.
Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio
Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med., Seattle, Wash.
von FELSINGER, J. M., psychol. M. G. H.
von Meysenbug, L., *C.M.* 1917 and *W.M.* 1918 Box 3536, Daytona Beach, Fla.
Vose, R. H., *E.S.* 1897
34 Vose's Lane, Milton
WADDELL, W. R., a. s. (*W.S.* 1944); r.s. 1951 M. G. H.
WADDINGTON, E. J., a.dn.s.
6 Haverhill, Shawsheen Village, Andover
WAINO-ANDERSEN, T., assoc. an. M. G. H.
WAKSMAN, B. H., assoc. b. *N.* M. G. H.
Waldman, J., a.r.s. *Or.* 1949
Billings Gen. Hosp., Univ. of Chicago, Chicago, Ill.
Waldmann, T. A., *M.* 1956
National Inst. of Health, Bethesda, Md.
Waldron, A. M., *E.M.* 1938; a.r.p. 1939
309 N. Ingalls, Ann Arbor, Mich.
Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.
Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg
Walker, J. K., *Dn.* 1954
2161 Massachusetts Ave., Cambridge
Walker, R. H., a.r.p. *Path.* 1951; a.r.s. 1953 Med. Arts Bldg., Calgary, Alberta, Canada
Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield
Wallace, R. H., *W.S.* 1929; r.s. *E.S.* 1931 264 Beacon
Wallwork, D. W., *E.S.* 1932
5 3rd, N. Andover
Walser, M., *M.* 1949; a.r.p. 1950
Johns Hopkins Univ. Sch. of Med., Baltimore, Md.
WALTER, M. McN., Jr., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1955
McLean Hosp., Waverley
Walton, R. W., *W.S.* 1926
102 Gates Ave., Montclair, N. J.
Wang, Chiu-an, *W.S.* 1944; a.r.s. 1946
207 China Bldg., Hong Kong, China
Wang, Chiu-chen, r.p. *R.* 1952 M. G. H.
WANG, SHEN KUANG, a.r.s. *Or.* M. G. H.
WANG, YANG, r.p. (*M.* 1953) M. G. H.
Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.
Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.
Waring, E. S., *E.M.* 1919
Fairfax, Va.
WARNER, F. A., a. *M.*
John Hancock Mut. Life Ins. Co.
Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre
Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury
Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.
WARREN, R., *Bd. of Cons.* (*W.S.* 1936) Peter Bent Brigham Hosp.
Warren, S. L., *W.M.* 1924
Med. Sch. of Univ. of California South, Los Angeles, Calif
WASHBURN, S. L., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1956
McLean Hosp., Waverley
Waterman, G. A., *W.M.* 1901
250 Beacon
WATKINS, A. L., c. *Phys. M.* and a.p.; a.r.p. *N.* 1938 M. G. H.
Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.
Watson, John L., r.s. *U.* 1930
4010 N.W. 7th Ave., Miami, Fla.
Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.
WATSON, RICHARD H., a. *C.M.* (*C.M.* 1952); a.r.p. *C.M.* 1953
36 Sherwood Rd., Marblehead
Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.
Watts, A. B., *E.S.* 1943
2530 Cornwall Ave., Bellingham, Wash.
Watts, J. W., II, *N.* 1928 and *N.S.* 1929 4661 Garfield, N. W., Washington, D. C.
WAUD, BARBARA E., a.r.p. *An.* M. G. H.
WEBER, A. L., a.r.p. *R.* M. G. H.

WEBSTER, E. W., physicist *R.* M. G. H.

Webster, F. P., *W.M.* 1902
10 Congress Sq., Portland, Maine

Webster, H. de F., r.p. *N.* 1956 M. G. H.

Webster, R. C., *E.S.* 1943; j.r.s. 1944
1101 Beacon, Brookline

Wedrow, E. M., r.p. *Psychiat.* 1953
205 Beacon

Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.

Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg., Wheeling, W. Va.

WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.

WEINBERG, A. N., a.r.p. (*M.* 1957) M. G. H.

WEINBERGER, J. L., a. psychiat.
51 Brattle, Cambridge

WEINSTEIN, L., assoc.p. *C.M.*
Haynes Memorial Hosp., Brighton

Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd., Cleveland Heights, Ohio

WEISBERGER, D., c. *Dn.* and oral s.
188 Longwood Ave.

WEISMAN, A. D., assoc. psychiat.; r.p. *Psychiat.* 1945 464 Beacon

WEISS, ELIZABETH S., cons. for Community Relations M. G. H.

Weiss, L. L., a.r.p. *An.* 1956
811 W. 63rd, Indianapolis, Ind.

WELCH, C. E., v.s. (*E.S.* 1934); r.s. *E.S.* 1937 266 Beacon

WELD, G. S., *Secretary* and *Asst. Treasurer of the Corporation*
45 Milk

Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.

WELLS, L. D., clin. assoc. *Psychiat.*
270 Commonwealth Ave.

Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little Neck, Long Island, N. Y.

WERMER, H., attend. psychiat. (*McL.*)
McLean Hosp., Waverley

Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.

WESSELHOEFT, C., cons. *M.*
315 Marlborough

WEST, F. J., a.s. *Oph.*
1101 Beacon, Brookline

West, W. W., *S.* 1948; a.r.s. 1954
Medico-Dental Bldg., Stockton, Calif.

Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester

WHEELER, C. GENE, a.r.s. (*S.* 1956) M. G. H.

Wheeler, Charles A., *N.S.* 1935 and *W.S.* 1938 69 West, Leominster

WHEELER, E. O., a.p. M. G. H.

Wheeler, J. T., *M.* 1956
U.S. Naval Hosp., Chelsea

Wheeler, R. R., *W.M.* 1922
5 Bay State Rd.

Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd., Columbus, Ohio

WHEELOCK, F. C., Jr., a. s. (*E.S.* 1943); a.r.s. 1949
1180 Beacon, Brookline

Whiskin, F. E., r.p. *Psychiat.* (*McL.*) 1952; r.p. *Psychiat.* 1954
270 Commonwealth Ave.

WHITE, C. J., hon. p.
259 Marlborough

WHITE, E. M., a. dir. M. G. H.

WHITE, J. C., c. *N.S.* (*W.S.* 1925); r.s. *W.S.* 1927 M. G. H.

White, Laurens P., *M.* 1950; a.r.p. 1951
32 6th Ave., San Francisco, Calif.

WHITE, LeMOYNE, assoc. psychiat. (*E.M.* 1942); r.p. *Psychiat.* 1947
205 Beacon

WHITE, P. D., *Bd. of Cons.;* cons. cardiol. (*McL.*) (*C.M.* 1911 and *W.M.* 1913); h.p. *W.M.* 1920
264 Beacon

Whitelaw, G. P., *W.S.* 1937
Mass. Memorial Hosp.

WHITFIELD, T. J., III, c.r.p. *C.M.* (*C.M.* 1954) M. G. H.

Whitford, W., *Or.* 1931
22 Roosevelt Ave., Poughkeepsie, N. Y.

WHITING, R. G., a.p.
226 Marlborough

Whittemore, J. P., *C.M.* 1946; a.r.p. *C.M.* 1947
Bellevue Hosp., New York, N. Y.

Whittemore, W. S., *S.S.* 1910
3 Concord Ave., Cambridge

Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.

Wigglesworth, W. C., *E.S.* 1945
Bear Hill Rd., Harvard

Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.

Wilcox, R. E., *S.* 1949; a.r.s. 1955
Beckley Memorial Hosp., Beckley, W. Va.

WILKER, S. R., a. *Otolar.*
285 Commonwealth Ave.

WILKINS, E. W., Jr., a. *S.* (*W.S.* 1945); a.r.s. 1951 87 Chestnut
Willetts, A. T., a.r.s. *U.* 1942
129 Summit Ave., Summit, N. J.
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p. (*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s. *Or.* 1946; r.s. *U.* 1948
33 Mulberry, Springfield
Williams, O. B., Jr., a.r.p. *An.* 1955
Parkland Memorial Hosp.,
Dallas, Tex.
Williams, R. C., Jr., *M.* 1955; a.r.p. 1956
New York Hosp., New York, N. Y.
WILLIAMS, V. P., a. psychiat. (*E.S.* 1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
address unknown
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.
Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950 New York Hosp.,
New York, N. Y.
Wilson, John C., *Or.* 1917
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John L., *E.S.* 1940; r.s. 1948
490 Post, San Francisco, Calif.
WILSON, P. D., hon. s. (*E.S.* 1914)
321 E. 42nd, New York, N. Y.
Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946 14 E. 90th,
New York, N. Y.
WILSON, R. F., clin. assoc. *C.M.*
113 Locust, Dover, N. H.
WIMBERGER, H. C., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley
Winkler, J. J., a.r.p. *R.* 1928
Professional Bldg.,
Kansas City, Mo.
Winn, W. A., *E.M.* 1934
Springville Hosp.,
Springville, Calif.
Winsor, A. P., *W.M.* 1919 and *W.S.* 1921 1101 Beacon, Brookline
Wishard, W. N., Jr., *E.S.* 1927
1711 N. Capital Ave.,
Indianapolis, Ind.
Wolff, J., *M.* 1954
25 Bay Wood Ave.,
San Anselmo, Calif.
Wolff, L., *W.M.* 1924
270 Commonwealth Ave.
WOLMAN, H. M., a. *Psychiat.*
23 Bay State Rd.
Woo, Shutai Tinwong, *W.M.* 1920
Peiping Union Med. College,
Peiping, China
Wood, B. S., *E.S.* 1933
Nantucket
Wood, E. C., *M.* 1951
Yale Univ. Sch. of Med.,
New Haven, Conn.
Wood, H. P., *M.* 1948
Pennsylvania Inst.,
111 N. 49th, Philadelphia, Pa.
Wood, J. Edwin, Jr., *W.M.* 1923; r.p. *E.M.* 1923 Sch. of Med.,
Univ. of Virginia,
Charlottesville, Va.
Wood, James A., *C.M.* 1915
214 Vineville Ave., Macon, Ga.
WOOD, W. FRANKLIN, dir. emeritus (*McL.*) 396 Marsh, Belmont
Wood, William E., *Dn.* 1940
1832 Connecticut Ave., N. W.,
Washington, D. C.
Woodbury, H. W., *Dn.* 1948
317 S. 3rd, Las Vegas, Nev.
WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947
1101 Beacon, Brookline
Worth, T. C., *W.M.* 1938
1835 Eye, N.W., Washington, D. C.
WYMAN, R. R., a.dn.s.
53 Bay State Rd.
WYMAN, S. M., r.; j.r.p. *R.* 1942 M. G. H.
Wyngaarden, J. B., *M.* 1949; r.p. 1951
National Heart Inst., National Inst. of Health, Bethesda, Md.
Wynne, L. C., r.p. *Psychiat.* 1951
National Inst. of Mental Health,
Bethesda, Md.
WYSHAM, D. N., a.r.p. (*M.* 1954) M. G. H.
Yaffee, H. S., a.r.p. *D.* 1953
1919 Northwood Apts.,
North Campus, Univ. of Michigan,
Ann Arbor, Mich.
Yanagisawa, K., *Or.* 1944
50 E. 52nd, New York, N. Y.
Yankauer, A., *C.M.* 1941
84 Holland Ave.,
Albany, N. Y.
YATSUHASHI, M., clin. assoc. *S.* (*W.S.* 1945); a.r.s. 1946
Lemuel Shattuck Hosp.,
Jamaica Plain

Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946
1641 Nuuanu Ave., Honolulu, Hawaii

Yens, O. C., *C.M.* 1930 and *W.M.* 1932 Mass. Hosp. Sch., Canton

Youmans, J. B., *E.M.* 1921
Univ. of Illinois Coll. of Med., Chicago, Ill.

Young, C., *E.S.* 1923
Med. Arts Bldg., Salt Lake City, Utah

Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937
Box 70, Raleigh, N. C.

YOUNG, E. L., hon. s. (*W.S.* 1910)
1180 Beacon, Brookline

Young, J. G., *C.M.* 1926
4005 St. Andrews Dr., Dallas, Tex.

Young, R. A., r.p. *Psychiat.* (*McL.*) 1934
21 Washington Ave., Cambridge

Zacarian, S. A., r.p. *D.* 1955
130 Maple, Springfield

ZACHARIAS, LEONA, biol. *Oph.*
Mass. E. & E. Inf.

ZACKS, S. I., a.r.p. *Path.* (*Path.* 1956)
M. G. H.

ZAMBON, ENES, exec. a. (*S.N.* 1929)
M. G. H.

Zamcheck, N., *Path.* 1943
Boston City Hosp.

ZAMECNIK, P. C. M., p.
M. G. H.

Zaoussis, A. L., a.r.s. *Or.* 1954
Children's Med. Center

Zartman, H. F., *C.M.* 1954
Boston City Hosp.

ZAUDY, ELEONORE C., a.p. *C.M.*
1247 Beacon, Brookline

ZEAVIN, B. H., a. *Oph.*
101 Bay State Rd.

ZELLER, J. W., assoc. p. (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline

ZETZEL, ELIZABETH R., assoc. psychiat.
14 Hubbard Pk., Cambridge

ZIEPER, I., a.r.p. *N.*
M. G. H.

ZONDERMAN, B., assoc. s. *Otolar.*
314 Commonwealth Ave.

ZOVICKIAN, A., a. *Otolar.*
270 Commonwealth Ave.

Zuelzer, W. W., *C.M.* 1937
Children's Hosp., Detroit, Mich.

ZUIDEMA, G. D., a.r.s. (*S.* 1954)
M. G. H.

Zukowski, H. J., a.r.p. *An.* 1948
Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Birmingham
Edwards, W. S.
Kennedy, B. H.
Lyons, C.
Perley, A. I.
Richardson, W. R.
Shannon, P. W.

ARIZONA

Fort Defiance
Organick, A. B.
Kingman
Findlay, F. M.
Phoenix
Bendheim, O. L.
Sussman, M. L.
Tucson
DeSanctis, R. W.
Haswell, H. P.
Omer, J. A.
Willcox
Havemeyer, W. F.

ARKANSAS

Little Rock
Diner, W. C.

CALIFORNIA

Berkeley
Bennett, C. B.
Cheney, M. C.
Perkins, W. A.
Richards, D. N., Jr.
Beverly Hills
Berkley, H. K.
Putnam, T. J.
Burlingame
Campbell, C. R.
Carmel Valley
Tileston, W.
Glendale
Cannon, J. A.
Hollywood
Snyder, W. H., Jr.
Korbel
Kerr, W. J.
La Jolla
Kennedy, J. H.
Long Beach
Ellery, S. W.
Meister, L.
Los Angeles
Ayres, S., Jr.
Billig, H. E., Jr.
Boyes, J. H.
Chaffin, G. L.
Cozen, L.
Goettsch, E.
Ilfeld, F. W.
Lawrence, J. S.
McKeever, F. M.
Mathews, S. S.
Miller, M. L.
Miller, R. B.
Mills, L., Jr.
Moyer, D. LaR.
Mudd, S. G.
Rose, A. S.
Scholl, A. J.
Schuler, J. D.
Sheldon, D. B.
Solomon, J.
Thompson, V. P.
Urist, M. R.
Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.
North Hollywood
Snyder, M. H.
Spiers, H. W.
Stout, K. L.
Oakland
Dunn, F.-C.
Ewer, E. G.
Graeser, J. B.
Larkey, J.
Leeper, R. W.
Liu, C. T.
Moorman, H. D.
Nesche, G. E.
Orski, B. M.
Owyang, P.
Richards, D. N.
Schoen, E. J.
Splithoff, C. A.
Sweet, C. D.
Thomas, R. L.
Watson, R. G.
Palo Alto
Hawkins, R.
Tanner, J. B.
Pasadena
Allen, D. W.
Cosby, R. S.
Dewey, E. B.
Gentry, R. W.
MacLaren, W. R.
Piedmont
Francis, L.
Newell, J. W.
Pomona
Wilcox, J. C.
Redlands
Dole, K. L.
Redwood City
Soholt, S. T.
Sacramento
Horn, C. E.
McNeil, D.
San Anselmo
Wolff, J.
San Bruno
Quinn, T. J., Jr.
San Diego
Garrity, R. W.
Peabody, H. D., Jr.
San Francisco
Abbott, L. C.
Alston, E. F.
Barnett, C. G.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Jergesen, F. H.
Kilgore, A. R.
Levy, S. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pillsbury, P. L.
Pitkin, H. C.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
Uyeda, C. I.
White, L. P.
Wilson, J. L.
San Jose
Ahnlund, N. W.
McCort, J. J.
San Mateo
Campbell, C. R.
Hills, O. W.
Key, W. A.
Morrison, G. M.
Prindle, K. H.
Ratcliffe, J. W.
Santa Barbara
Atsatt, R. F.
Luikart, R. H., Jr.
McGovney, R. B.
Santa Cruz
Fowler, C. B.
Springville
Winn, W. A.
Stanford
Veldee, M. V.
Stockton
West, W. W.
Tulare
Vitt, R. J.
Vallejo
Mead, S.
Tyson, R. G.
West Los Angeles
Mason, E. D.

COLORADO

Colorado Springs
Hartwell, J. B.
Denver
Brown, R. K.
Campbell, J. L.
Cunningham, T. D.
Eiseman, B.
Elrick, H. E.
Franz, E. M.
Higbee, D. R.
Hughes, H. C.
Jobe, M. C.
Lingenfelter, G. P.
MacMillan, H. A., Jr.
Makel, H. P.
Matchett, F. L.
Meader, C. N.
Mitchel, D. H.
Packard, G. B.

Parker, G. D.
Peterson, E. W.
Spencer, J. R.
Van Stone, W. D.
Greeley
Russell, H. N., Jr.

CONNECTICUT

Bridgeport
Mulford, E. H., II
Strayer, L. M., Jr.
Fairfield
Harris, H. P., Jr.
Hartford
Fairlie, C. W., Jr.
Greene, G. S.
Griggs, J. B.
Hepburn, R. H.
Jones, F. S.
Lampson, R. S.
Locke, H. L. F.
Lowell, W. H., Jr.
McPherson, S. R.
Mancall, I. T.
Ogden, R. T.
Pike, M. M.
Seigle, S. P.
Sweet, E. B.
Watson, J. W.
Manchester
Boyd, H.
Meriden
Aldwin, F. J.
Stewart, J. E.
Milford
Timm, A. B., Jr.
New Britain
Borden, R. P.
Bosco, H. F.
New Canaan
Hiden, R. B.
New Haven
Chernoff, A. I.
Colwell, H. S.
Ewell, J. W.
Fuldner, R. V.
Harrison, E. R.
Hathaway, J. S.
Meigs, J. W.
Morris, J. McL.
O'Connor, D. S.
Rogers, O. F.
Sandifer, M. G., Jr.
Seabury, R. B.
Smith, H. W.
Tisdale, W. A.
Vaughan, V. C., III
Wood, E. C.
Newington
Carey, J. M.
New London
Jones, W. N.
Norwalk
Gens, J. P.
Norwich
Kettle, R. H.
Sharon
Gevalt, F. C., Jr.
Trumbull
Flagg, J. A.
Waterbury
Cole, C. H.
Harty, J. E.
West Hartford
Egloff, F. R. L.
Johnson, P. R.
West Haven
Gordon, P. S.
Willimantic
Ottenheimer, E. J.

DELAWARE

Wilmington
Maroney, J. W.
Stoddard, J. K.

DIST. OF COLUMBIA

Washington
Brendler, S.
Brent, R. L.
Cooper, L. F.
Davis, B. M.
Foley, T. M.
Fu, W. S.
Hodges, T. W.
Koppel, E. A.
Lindsay, M. K.
McCann, S. M.
McCune, W. S.
Miller, R. B.
Ormandy, L.
Rothberg, H. D., Jr.
Ruffin, M. deG.
Sabin, H. S.
Saunders, G. M.
Tabor, C. W.
Thompson, M. S.
Tobin, W. J.
Varney, H. I.
Watts, J. W., II
Wood, W. E.
Worth, T. C.

FLORIDA

Clearwater
Irving, F. C.
Coral Gables
Keiser, R. P.
Daytona Beach
von Meysenbug, L.
Delray Beach
Howard, H. H.
Fort Lauderdale
Pierce, F. D.
Indian Rocks
Emmons, A. B., II
Jacksonville
Davis, J. M.
Fort, F. L.
Lake City
Shedden, W. M.
Lakeland
Fuller, H.
Miami
Watson, J. L.
Miami Beach
Capland, L.
Orlando
Broome, R. A., Jr.
Palm Beach
Smith, H. L.
Pensacola
Graybiel, A.
Holmes, S. G.
Sarasota
Clement, S. P., Jr.
Winter Haven
Sherman, W. E.

GEORGIA

Athens
Talmadge, S. McN.
Atlanta
Calhoun, F. P., Jr.
Claiborne, T. S.
Goldsmith, L. H.
Peters, J. H.
Tuttle, E. P., Jr.
Augusta
Currie, R. A.
Slaughter, R. F.
Decatur
Banks, R., Jr.
Bartlett, W. M.
Lavonia
Frost, H. B.
Macon
Wood, J. A.
Marietta
Mathis, W. H., Jr.
Savannah
Brown, F. B.

ILLINOIS

Chicago
Brues, A. M.
Capps, J. A.
Capps, R. B.
Eyler, W. R.
Hall, B.
Meyer, H. I.
Miller, J. G.
Paul, O.
Perkins, J. F., Jr.
Robertson, O. H.
Shorey, W. D.
Talalay, P.
Waldman, J.
Youmans, J. B.
Glencoe
Anderson, E. G.
Great Lakes
Legge, R. F.
Jacksonville
Norbury, F. B.
Lake Bluff
Ward, J. L.
Winnetka
Brown, R. G.

INDIANA

Evansville
Davidson, W. D.
Hyatt, G. T.
Gary
Nilges, R. G.
Indianapolis
Dalton, J. E.
Mellinger, G. W.
Weiss, L. L.
Wishard, W. N., Jr.

IOWA

Des Moines
Gordon, A. M.
Kimura, K. K.
Iowa City
Croll, D.
Dulin, J. W.
Larson, C. B.
Oskaloosa
Catterson, L. F.
Waterloo
Bickley, D. W.
Johnston, E. V.

KANSAS

Marion
McCandless, O. C.
North Topeka
Kinney, R. J.
Salvia
Roth, J. d'A.
Wichita
Knapp, M. R.
Sutter, L. A.

KENTUCKY

Lexington
Barrow, D. W.
Barss, T. P.
Massie, W. K., Jr.
Myers, E. E.
Scott, T.
Smith, M. L.
Louisville
Atherton, L. D.
Bate, J. T.
Harter, J. S.
Owensboro
Dodson, L. C.
Waverly Hills
Brock, B. L.
Polderman, H.

LOUISIANA

New Orleans
DeBusk, F. L.
Golden, L. A.
Morris, H. D.
Schneider, B.
Shreveport
Ledbetter, B. A.
Reed, C. R., Jr.

MAINE

Auburn
Thacher, H. C.
Bangor
Clement, J. D., Jr.
Radebaugh, J. F., Jr.
Belfast
Holmes, G. W.
Brunswick
Macomber, D.
Caribou
Collins, H. D.
Cumberland Centre
Sowles, H. K.
Eastport
Johnson, F. G.
Ellsworth
Suyama, E.
Northeast Harbor
Fitch, R. R.
Owls Head
Adams, W. B.
Portland
Bidwell, R. LeR., II
Burrage, W. C.
Drake, E. H.
Hawkes, R. S.
Holt, C. L.
Johnson, O. R.
McDermott, L. J.
Parker, J. M.
Robinson, C. M.
Spencer, J.
Thaxter, L. T.
Thompson, P. P., Jr.
Webster, F. P.
Rockland
Fogg, N. A.
Heath, P., Jr.
Skowhegan
Stinchfield, A. J.
Waterville
Risley, E. H.
Yarmouth
Macdonald, H. E., Jr.

MARYLAND

Baltimore
Bennett, L. F.
Bridge, E. M.
Fritz, W. F.
Gay, L. N.
Greenhill, M. H.
Harting, D.
Hopkins, C. E.
Howard, J. E.
Kiely, B.
McIntyre, P. A.
Meath, J. A.
Phelps, W. M.
Stunkard, A. J.
Sutherland, G. F.
Thomas, H. M., Jr.
Thompson, S. B.
Walser, M.
Bethesda
Binion, J. T.
Brown, C. S.
Federman, D. D.
Field, J. B.
Firminger, H. I.
Hunt, S. P.
Laster, L.
Mackie, R. W.
Mudd, S. H.
Pittman, J. A., Jr.
Sidman, R. L.
Vagelos, P. R.
Waldmann, T. A.
Wyngaarden, J. B.
Wynne, L. C.
Salisbury
Kitts, A. W.
Takoma Park
Blunden-Morris, D. E.
Towson
Wies, D.

MASSACHUSETTS

Amesbury
Warren, C. F.
Amherst
Radcliffe, E. J.
Andover
Holihan, J. P.
O'Shea, J. A.
Waddington, E. J.
Arlington
Benda, C. E.
Burbank, C. B.
Carroll, W. J. E.
Cronin, T. P.
Saunders, G. A.
Attleboro
Bixby, H. I.
Hill, L. W.
Barnstable
Garran, F. W., Jr.
Belmont
Coolidge, J. C.
Gardner, G. E.
Kaufman, M. R.
Kershaw, B. R.
Semrad, E. V.
Wood, W. F.
Beverly
Alt, R. E.
Bandeian, A. M.
Essember, L. J.
Parkhurst, A. E.
Risley, T. S.
Scott, D. H.
Stickney, R. C.
Todd, B. P.

Boston
Abbott, J. A.
Abramson, D.
Adams, F. D.
Adams, H. D.
Adams, J., Jr.
Adams, R. D.
Albert, J.
Albright, F.
Allen, A. W.
Allen, H. F.
Allman, C. H.
Alpert, R.
Altschule, M. D.
Ames, A., III
Andrew, N. W.
Aprahamian, H. A.
Aronow, S.
Arrowood, J. G.
Arthur, R. J.
Atkins, L.
Aub, J. C.
Aufranc, O. E.
Austin, R. C.
Ayer, J. B.
Badger, T. L.
Baggett, B.
Baird, P. C., Jr.
Bakay, L.
Baker, D. V., Jr.
Baker, M. P.
Baker, W. H.
Balazs, E. A.
Balboni, G. M.
Balboni, V. G.
Balch, F. G.
Ballantine, H. T., Jr.
Bally, P. R.
Bandler, B.
Banker, B. Q.
Banks, H. H.
Barnes, B. A.
Barney, J. D.
Barr, J. S.
Barry, H., Jr.
Bartlett, M. K.
Bauer, W.
Beaman, G. B.
Beecher, H. K.
Beetham, W. P.
Behringer, G. E.
Bell, E.
Bellinger, M. J.
Bendixen, H. H.
Benedict, E. B.
Benedict, P. H.
Bennett, W.
Benson, J. A., Jr.
Berenberg, W.
Berg, R. L.
Bernstein, N. R.
Bigelow, F. S.
Bird, K. T.
Bland, E. F.

Blank, I. H.
Blodgett, F. M.
Blom, G. E.
Bonner, F. J.
Boruchoff, S. A.
Bratt, H. A.
Braudo, J. L.
Brazier, M. A. B.
Brewster, W. R., Jr.
Brickley, W. J.
Brockhurst, R. J.
Brown, J. F.
Brown, M. R.
Brown, T.
Brown, W. J., Jr.
Brownell, G. L.
Bucher, N. L. R.
Bunker, J. P.
Burbank, C. B.
Burnett, F. L.
Burrage, W. S.
Burwell, C. S.
Bush, R. D.
Butler, A. M.
Byers, R. K.
Caner, G. C.
Cannon, B.
Caplan, G.
Carmichael, M. W.
Carnes, H. A.
Carney, H. J.
Casten, V. G.
Castle, W. B.
Castleman, B.
Cavanaugh, T.
Cave, E. F.
Cerrato, C. M.
Chafetz, M. E.
Chandler, P. A.
Chapman, E. M.
Chisholm, J. F., Jr.
Christman, G.
Churchill, E. D.
Chute, R.
Clark, D. A.
Clark, L. D.
Clarke, B. G.
Clay, C. L.
Clifford, M. H.
Cline, H. S.
Clough, J. M.
Cobb, S.
Cobbs, B. W., Jr.
Cochran, W.
Cochran, W. D.
Cogan, D. G.
Cohen, J.
Cohen, M. E.
Cohen, R. B.
Cohn, Z. A.
Colby, F. H.
Cole, E. M.
Coley, M. S.
Collinson, A. W.
Cook, C. D.
Cope, O.
Covitz, E. E.
Crabtree, H. H.
Crawford, J. D.
Crone, N. L.
Cronin, T. P.
Cronkhite, L. W., Jr.
Crothers, B.
Crowley, C. W.
Culver, P. J.
Cummins, L. J.
Currens, J. H.
Cutler, G. D.
Daland, E. M.
d'Autremont, C. C.
Davies, J. A. V.
DeBlois, E.
Decker, B. L.
Degen, J. W.
DeLorme, T. L.
d'Elseaux, F. C.
Dempsey, P. A.
Derow, H. A.
Detwiler, R. C.
DeWilde, H.
Diamond, L. K.
Dickson, W. A.
Dienes, L.
Dodd, R. B.
Dodge, P. R.
Donahue, H. C.
Donaldson, D. D.
Donaldson, G. A.
Dreyfus, P. M.
Dreyfuss, J. R.
Drooker, J. C.
Dudley, H. R., Jr.
Duffy, R. J.
Dunphy, E. B.
DuToit, C. H.
Dwight, R. W.
Ehrenkranz, N. J.
Ellis, L. B.
Emerson, G. F.
Emerson, K.
Endee, C. H.
Engel, L. L.
England, A. C., Jr.
Ernlund, C. H.
Evans, M. G.
Fang, H. C. H.
Farmer, D. A.
Fawcett, D. W.
Faxon, H. H.
Fay, J. H.
Ferris, B. G.
Field, R. A.
Fine, J.
Finesinger, A. L.
Finkenstaedt, J. T.
Fish, J. E.
Fisher, C. M.
FitzHugh, G.
Flanagan, N. B.
Floyd, C.
Forbes, A. P.
Foster, F. D.
Frazier, C. N.
Frazier, H. S.
Freedman, H. J.
Fremont-Smith, M.
Freymann, J. G.
Friedlich, A. L.
Friedman, L. J.
Fromer, J. L.
Frost, H. M.
Fuller, H. S.
Funsch, R. E.
Gamble, J. L.
Ganz, R. N.
Gardella, J. W.
Garland, J.
Garrett, J. W. D.
Gasteiger, E. L., Jr.
Gephart, F. T.
Gergely, J.
Gill, B. F.
Ginandes, S. C.
Glicklich, E. A.
Glimcher, M. J.
Goethals, T. R.
Gohd, R. S.
Goldthwait, J. C.
Goldthwait, J. E.
Goodale, F., Jr.
Gordon, J. E.
Gove, B. J.
Graham, J. B.
Graham, J. R.
Grant, W. M.
Gray, B. C.
Green, T. H., Jr.
Greene, J. E.
Greene, R. G.
Greene, R. W.
Gregory, J. D.
Grice, D. S.
Griesemer, R. D.
Grillo, H. C.
Gross, J.
Grove-Rasmussen, M.
Guardo, J. L.
Gundersen, T.
Guralnick, W. C.
Haggart, G. E.
Haggerty, R. J.
Haley, W. F., Jr.
Hall, T. C.
Hall, V. R.
Hallowell, P.
Hamlin, E., Jr.
Hanelin, J.
Hanflig, S. S.
Hardy, H. L.
Hare, A. P.
Harwood, R.
Haven, G. W.
Hawes, L. E.
Hayden, E. P.
Hayden, J. W.
Helman, M. E.
Hendrick, I.
Henneman, P. H.
Hill, J. M.
Hill, L. W.
Hill, W. R., Jr.
Hionides, C.
Hirsch, O.
Hoagland, M. B.
Hodgson, J. S.
Hoeffel, G. N.
Holder, R.
Hollings, C. B.
Holmes, E. M.
Homans, J., Jr.
Horrax, G.
Horwitz, W. H.
Howe, H. D.
Hugenberger, P. W.
Humphreys, S. P.
Huntington, B. L.
Hurley, P. D.
Hurwitz, J. J.
Hurxthal, L. M.
Ingersoll, F. M.
Irwin, J. W.
Isaacs, J. P.
Isselbacher, K. J.
Jackson, H., Jr.
Jacobson, B. M.
Jakus, M. A.

Jeanloz, R. W.
Johnson, C. C.
Jones, C. M.
Jones, H. W., Jr.
Jones, M. E.
Jones, S. G.
Jones, W. N.
Joseph, A. T.
Joslin, E. P.
Justi, R. A.
Kane, L. W.
Katz, S. L.
Kazanjian, K. A.
Kazanjian, V. H.
Kelemen, G.
Keller, E. B.
Keller, J. W.
Kelley, R. M.
Kelley, S. B.
Kelley, V. J.
Kelly, J. F.
Kent, C.
Kern, H.
Kerr, W. S., Jr.
Ketchum, W. F.
Keuper, C. S.
Kilfoyle, R. M.
King, W. B., Jr.
Kinoshita, J.
Kinsey, D.
Kite, O. W.
Klotz, R. E.
Knapp, P. H.
Knapp, R. G., Jr.
Kowalski, H. J.
Kozol, H. L.
Kranes, A.
Kravitz, A. R.
Krayer, O.
Krumbhaar, G. D.
Kubik, C. S.
Kuhns, J. G.
Kulka, J. P.
Kunz, L. J.
Kuwabara, T.
Lamont, J. H.
Lanman, T. H.
Laron, Z.
Lawrence, G. W.
Leadbetter, W. F.
Leaf, A.
Lee, R. I.
Leidholt, J. D.
Leighton, H. T.
Leighton, J.
Lennox, W. G.
Lentine, J.
Lerman, J.
Leskowitz, S.
Levene, M. B.
Lever, W. F.
Levitan, J. J.
Lewis, D. K.
Liebman, S. D.
Liffmann, K. E.
Lincoln, R. C.
Lindemann, E.
Lipmann, F.
Littlefield, J. W.
Littmann, D.
Lloyd, J. B.
Loftfield, R. B.
Lombroso, C. T.
Long, R. T.
Lorenz, M.
Lothrop, O. A.
Lovesey, B. E.
Lowell, J. D.
Lowis, S.
Ludwig, A. O.
Lund, C. C.
Luongo, M. A.
Lurie, M. H.
Lyon, A. B.

Mabrey, R. E.
McArthur, J. W.
MacAusland, A. R.
MacAusland, W. R., Jr.
McCarthy, P.L.
McCartin, J. E.
McClelland, W. K.
McConnell, F.
McDermott, W. V., Jr.
McGinn, S.
McGovern, J. J. M.
Mack, J. E.
McKeigue, J. E.
Macmillan, A. S.
Macmillan, A. S., Jr.
Maloof, F.
Mangiaracine, A. B.
Mann, W.
Marble, A.
Marble, H. C.
Marcus, S. M.
Mark, V. H.
Marshall, C. K.
Martin, D. B.
Martin, S. F.
Matarazzo, J. D.
Matarazzo, R. G.
Matoltsy, A. G.
Mattos, E. R.
Mayo, R. A.
Means, J. H.
Meigs, J. V.
Meltzer, P. E.
Merrill, O. E.
Michelsen, J. J.
Milam, D. F., Jr.
Miller, D.
Miller, J. P., Jr.
Miller, L. C., Jr.
Miner, L. M. S.
Miner, R. L.
Ming, S. C.
Mixter, C. G.
Mixter, C. G., Jr.
Mixter, G., Jr.
Montgomery, W. W.
Moore, F. D.
Moore, R. F.
Moran, T. W.
Morgan, W. S.
Morrison, H. R.
Mosher, H. A.
Mueller, H. P.
Mueller, W.
Murphy, H. J.
Murphy, W. F.
Murray, D. B.
Murray, J. E.
Mushatt, C.
Myers, G. S.

Nadas, A. S.
Nardi, G. L.
Nathan, L.
Nemiah, J. C.
Neumann, E. T.
Norcross, J. W.
Noss, G. M.
O'Brien, F. W., Jr.
O'Brien, R. G.
O'Connor, H.
Offenbach, B.
Okamura, I. D.
Olin, M. J.
Osgood, H. A.

Page, L. B.
Palmer, R. S.
Parsons, L.
Patterson, J. F.
Pavlo, I. L.
Pearson, C. M.
Pechet, M. M.
Perlo, V. P.
Perrin, G. M.
Phillips, E. B., II
Pier, A. S., Jr.
Pittman, H. S.
Place, E. H.
Plotkin, L. H.
Point, W. W.
Politano, V. A.
Pollen, A.
Porter, H.
Poulin, F. K.
Pryles, C. V.
Quarton, G. C.
Quinby, J. T.
Quinby, W. C., Jr.

Rabinowitz, M.
Rackemann, F. M.
Rak, I. P.
Record, E. E.
Reed, G. F.
Reeves, J. D.
Regan, C. D.
Reid, D. E.
Reid, E. A.
Reith, H. C.
Reyersbach, G. C.
Richardson, E. P., Jr.
Richardson, G. S.
Richardson, J. R.
Riemer, K.
Riley, A.
Robbins, L. L.
Robert, F. J.
Robertson, C. W.
Rockwood, E. M.
Rodkey, G. V.
Rogers, H.
Rogers, W. A.
Rogers, W. P., Jr.
Roopenian, A.
Ropes, M. W.
Rosales, R. K.
Rosen, R. B.
Rouillard, F.
Rounds, C. E.
Rourke, G. M.
Rowe, C. R.
Ruben, M.
Runge, P. M.
Russell, P. S.
Russfield, A. B.
Rutstein, D. D.
Ryan, K. J.

St. Aubin, P. M. G.
St. Goar, W. T.
Sanchez, G. C.
Sands, K. F.
Sarnoff, S. J.
Saslow, G.
Scannell, J. G.

Schall, L. A.
Schepens, C. L.
Schmid, K.
Scholl, M. L.
Schulz, M. D.
Schuster, S. R.
Schwab, R. S.
Scott, A. W.
Scott, J. F.
Scully, R. E.
Seale, E. S.
Sears, J. B.
Selverstone, B.
Sewall, W. F.
Shangraw, K. A.
Shattuck, G. C.
Shaw, R. S.
Sheldon, C. P.
Sheldon, R. F.
Short, C. L.
Sifneos, P. E.
Simmons, F. A.
Sisson, W. R.
Sleeper, E. L.
Sloane, A. E.
Smith, C. A.
Smith, L. H., Jr.
Smith, P. H.
Smith, R. M.
Smith, T. R.
Smith, W. H.
Smith, W. P.
Smith-Petersen, M.
Smithwick, R. H.
Sneddon, E. A.
Snyder, J. C.
Sohier, W. D., Jr.
Solomon, H. C.
Soloway, A. H.
Soodak, M.
Sosman, J. L.
Soutter, L.
Spangler, A. S.
Spear, L. M.
Speare, G. S.
Spector, L. B.
Spiro, D.
Stanbury, J. B.
Starobin, O. E.
Stauffer, R. E.
Sternstein, H. J.
Stetson, R. P.
Stoeckle, J. D.
Stokes, J., III
Sturdevant, C. L.
Sturgis, S. H.
Suby, H. I.
Sullivan, G. L.
Swan, C. L., Jr.
Swan, C. S.
Swartz, J. H.
Swartz, M. N.
Sweet, P. L.
Sweet, R. H.
Sweet, W. H.
Taft, E. B.
Taft, P. D.
Talbot, N. B.
Talland, G. A.
Taylor, G. W.
Taylor, J. H.
Tefft, R. C., Jr.
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Thompson, J. E.
Timberlake, W. H.
Todd, D. P.
Tolman, M. M.
Tomchik, F. S.
Townsend, J. H.
Trapp, C. E.
Trevett, L. D.
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Trotter, R. R.
Tucker, W. I.
Ulfelder, H.
Vance, R. G.
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Van Gorder, G. W.
Verhoeff, F. H.
Vickery, A. L., Jr.
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Vincent, B.
von Felsinger, J. M.
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Waino-Andersen, T.
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Warren, R.
Waterman, G. A.
Watkins, A. L.
Webster, E. W.
Webster, H. de F.
Wedrow, E. M.
Weille, F. L.
Weinstein, L.
Weisberger, D.
Weisman, A. D.
Welch, C. E.
Wells, L. D.
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Wheeler, E. O.
Wheeler, R. R.
Whiskin, F. E.
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White, Le M.
White, P. D.
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Wolman, H. M.
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Wyman, S. M.
Yatsuhashi, M.
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Zamecnik, P. C. M.
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Braintree

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Ganem, E. J.
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Lorentz, J. J.
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Ferguson, A. B., Jr.
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Rebello, D. J. A.
Stetson, J. B.
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Newhall, H. F.
O'Keefe, E. S.
Sarris, S. P.
Swartz, M.
Vance, L. A.
Malden
Haire, P. G.
Thorp, E. G.
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Hopkins, S. W.
Packard, F. H.
Watson, R. H.
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Daffinee, R. W.
Herm, R. J.
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Milton
Baker, W. J.
Brown, L.
Coons, A. H.
Gamble, C. J.
Hepburn, J. P.
Kernan, R. D.
Sullivan, E. R.
Tudor, F.
Van Dyke, W.
Vose, R. H.
Nahant
Cusick, L. F.
Nantucket
Wood, B. S.
Needham
Brown, F. H.
O'Keeffe, A. F.
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Tripp, C. C.
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Bullard, C. W.
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Hamilton, R. DeL.
Toppan, R. L.
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Adams, R. H.
Adler, M. H.
Bell, G. O.
Shirley, J. N.
Newton Centre
Derow, S.
Kennard, H. E.
Rutherford, R. W.
Newton Highlands
Kaplan, S.
Thompson, R. D.
Newtonville
Garcelon, G. G.
Northampton
Averill, J. H.
Tatlock, H.
North Andover
Wallwork, D. W.
Norwood
Sternstein, H. J.
Pittsfield
Breslin, J. E.
Locksley, H. B.
Reynolds, G. S.
Tracy, R. J.
Plymouth
Hamilton, H. H.
Quincy
Chasen, M. C.
Ciano, J. F.
Hussey, M. B.
McCarthy, P. L.
Salem
Breed, F. B.
Clark, D. S., Jr.
Flynn, J. G.
Freedberg, A. P.
LeDonne, J. E.
Lowd, H. M., Jr.
Phippen, W. G.
Polansky, S. C.
Shannon, J. M.
Stebbins, H. D.
Thompson, R. H.
Scituate
Kearsley, R. B.

Sharon
Brown, R. H.
Somerville
McLean, J. D.
Petersen, J. A.
South Barre
Warner, J. H.
Southboro
Ingalls, T. H.
South Hamilton
Rogers, D. M.
Springfield
Bachulus, M. J.
Carson, P. C.
Chapin, L. D.
Derby, J. P.
Derrick, C. C.
Drewry, G. R.
Edgelow, A. F. G.
Franseen, E. F.
Hayes, D. R.
Hopkins, F. S.
Hoyt, W. F.
Lewis, J.
Williams, D. W.
Zacarian, S. A.
Stockbridge
Kimberly, C. H.
Swampscott
Mayo, F. B.
Miller, C. C.
Walpole
Petranek, J. R.
Waltham
Hardy, I. B.
Holmes, J. A.
Lawlor, E. F.
Lewis, J. L.
Shugar, J. L.
Wareham
Lincoln, J. R.
Waverley
Bower, W. H.
Cain, A. J.
Daniels, E. M.
deMarneffe, F. L. A.
Folch-Pi, J.
Hallenbeck, D. F., Jr.
Haycox, J. A.
Hess, H. H.
Howard, P. M.
Kahne, M. J.
Le Baron, F. N.
Lees, M. B.
Magraw, C. E.
Parsons, A.
Pierce, I. R.
Pope, A.
Prekup, J. T.
Sharpe, J. D.
Silverman, S.
Stanton, A. H.
Swinson, M. E.
Wermer, H.
Wayland
Abbot, E. S.
Wellesley
Dalrymple, W.
Pfeffer, W., Jr.
Villee, D. B.
Wellesley Hills
Angelini, H. D.
Goodall, E. B.
May, G. E.
Klein, D. C.
Parker, J. S.
Pippitt, R. B.
Westboro
Holt, W. L., Jr.
West Falmouth
Faxon, N. W.
West Newton
Bennett, D. R.
Weston
Calkins, E.
Greene, D. C., Jr.
Peebles, T. C.
Skinner, J. C.
Van Nüys, F.
Westwood
Cummer, F. H., Jr.
Ives, L. M.
Williamstown
Urmy, T. V.
Winchester
Clark, R. J.
Haley, W. D.
Kaufmann, G. G.
McKenzie, W. L.
McLean, J. D.
Marks, G. A.
Mueller, H. L.
Woods Hole
Mixter, W. J.
Worcester
Alton, B. H.
Burrow, J. G.
Carmody, J. T. B.
Damiani, C. R.
Duggan, J. A.
Johnson, V. S.
Kinnicutt, R.
Lingley, J. R.
Miller, E. C.
Peterson, H. O.
Seelye, W. C.
Sniffen, R. C.
Stone, B. B.
Wheeler, B. C.

MICHIGAN

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Bishop, R. C.
Cecil, L. McF.
Coller, F. A.
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Vial, A. B.
Waldron, A. M.
Yaffee, H. S.
Dearborn
Bloomer, E.
Detroit
Blodgett, W. H.
Comly, H. H.
Esslinger, J. O.
Frame, B.
Hiebert, J. M.
Osius, E. A.
Peabody, C. W.
Sphire, R. D.
Stiefel, D. M.
Sweeny, D. N., Jr.
Zuelzer, W. W.
Zukowski, H. J.
Grand Rapids
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Faust, L. W.
Sugiyama, T.
Holland
Clark, N. H.
Ionia
Tannheimer, J. F.
Iron Mountain
Alexander, W. H.
Jackson
Munro, N. D.
Pontiac
Cudney, E. B.
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Howard, F. H.

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Minneapolis
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Kennedy, B. J.
Lowe, C. U.
Pohl, J. F.
Rodgers, R. S.
Rochester
Balfour, D. C., Jr.
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Chapman, C. E.
Haines, S. F.
Helmholz, H. F., Jr.
Livermore, G. R., Jr.
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Stout, H. A.
St. Paul
Peterson, H. O.
Schwyzer, M.

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St. Joseph
McDaniel, J. R.
Riddell, R. V.
St. Louis
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Hanser, T. H.
Hershey, F. B.
Key, J. A.
Klaus, H.
Lawrence, G. H.
Lytton, W.
Maughs, S. B.
Moore, S.
O'Brien, R. M.
Robins, E.
Rukes, J. M.
Stephens, W. A.
Strauss, A. E.
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Trenton
Fuson, W. A.
Webster Groves
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Steenburg, E. K.
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Bisgard, J. D.
Luikart, R. H.
Martin, J. W.

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Gundersen, S. M.
Heyl, H. L.
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King, D. S.
McKenna, J. B.
Staples, O. S., Jr.
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Keene
Lacey, W. H.
Manchester
Bienvenu, L. J.
Colokathis, P.
Elliot, H. L.
Kalil, T. H.
Portsmouth
Beck, P.
Lium, R.
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Glen Ridge
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A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office. 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the General Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

See also page 106 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

See also page 107 of this Report

BOSTON LINOTYPE PRINT

This belongs on Dr. W. Bauer's desk—

One Hundred and Forty-Fourth
Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Waverley

For the Year
1957
Officers and Staff
1958

WALTER BAUER, M. D.
MASSACHUSETTS GENERAL HOSPITAL
BOSTON 14, MASSACHUSETTS

BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

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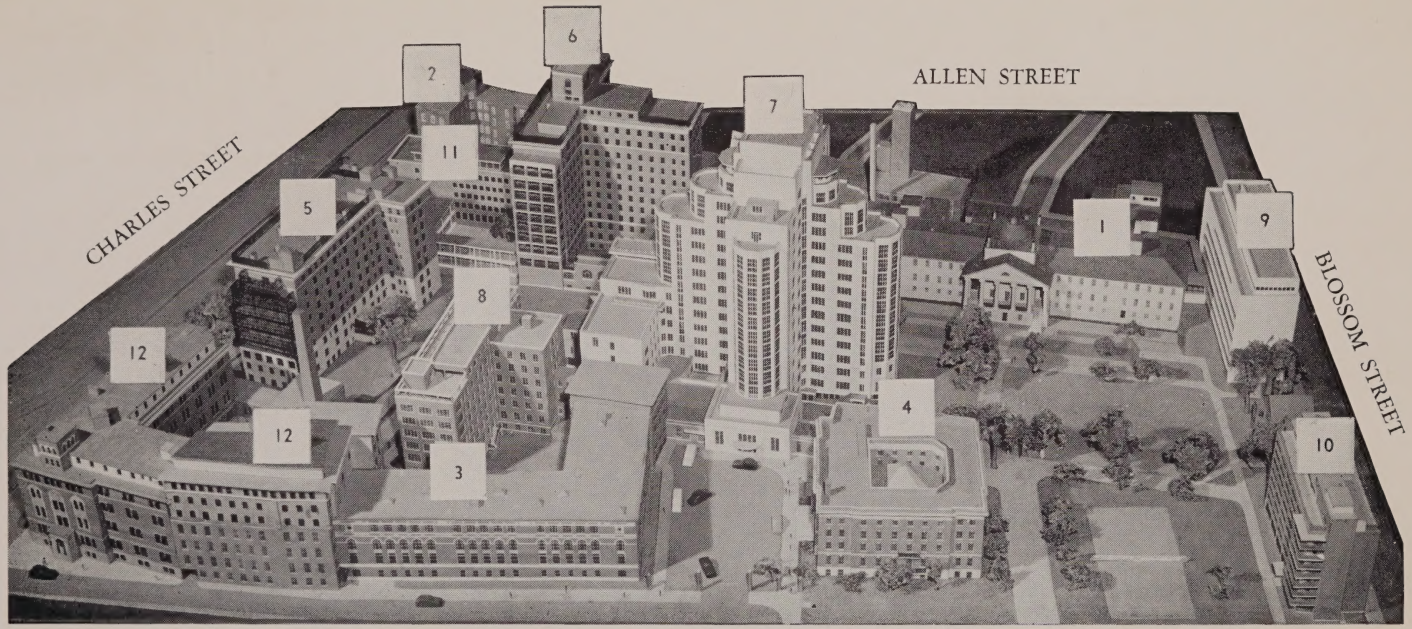

THE MASSACHUSETTS GENERAL HOSPITAL

1. Bulfinch Building (1821); 2. Thayer House Nurses' Residence (1893); 3. The Clinics Building (1903); 4. Moseley Building (1916); 5. Phillips House (1917); 6. Baker Memorial (1930); 7. George Robert White Building (1939); 8. Vincent Memorial Hospital and Burnham Memorial for Children (1947); 9. Research Building (1951); 10. Bartlett Hall Nurses' Residence (1953); 11. Warren Building (1956); 12. *Massachusetts Eye and Ear Infirmary* (1899).

One Hundred and Forty-Fourth Annual Report of the Trustees

OF

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston and the McLean Hospital in Waverley

For the year

1957

Officers and Staff

1958

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Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay for private medical care, The Baker Memorial for private patients of moderate means, and the Phillips House for private patients. All three divisions are for the care of acutely ill persons, or for such chronic cases as can be substantially relieved by hospitalization of short duration.

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA 3-8200.

Arrangements for the admission of patients to the General Hospital should be made at the Admitting Office in the George Robert White Building (Extension 414).

Arrangements for the admission of patients to the General Hospital should be telephone. Persons injured by accident or overcome by acute illness may come to the Emergency Ward at the Hospital entrance at any time.

The rate in the general wards is $23.00 per day for board plus charges for additional services, such as laboratory, X-rays, operating room and special medicine. A deposit is usually required upon admission, and bills are payable weekly thereafter in advance.

The Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary, open for admission from 8:15 to 10:00 o'clock each morning, are for patients who can not afford the cost of private medical care. Appointments may be made by mail, telephone, or personal application at the Admitting Desk.

THE BAKER MEMORIAL

Entrance: Same as the General Hospital. Telephone — LA 3-8200.

The Baker Memorial is for patients of moderate means. Arrangements for admission should be made at the Admitting Office in The Baker Memorial (Extension 446).

Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

Single, 2-bed and 4-bed rooms are offered from $23.00 to $28.00 per day plus appropriate physicians' fees and charges for additional services.

THE PHILLIPS HOUSE

Entrance: 265 Charles Street. Telephone—LA 3-8200.

Information about admission may be obtained at the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

The Phillips House offers only single rooms, from $31.00 to $42.00 per day plus charges for additional services. Attending physicians arrange their own fees.

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(March 1958 - February 1959)

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Adelbert Ames, III, M.D.

Associate Biologist in Neurosurgery
Eugene Bell, M.SC., PH.D.

Assistant Chemist in Neurosurgery
Albert H. Soloway, PH.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Consulting Visiting Orthopedic Surgeon
Edwin F. Cave, M.D.

Visiting Orthopedic Surgeons
Otto E. Aufranc, M.D.
Paul L. Norton, M.D.

Associate Visiting Orthopedic Surgeon
Thornton Brown, M.D.

Assistant Orthopedic Surgeons
Thomas F. Broderick, Jr., M.D.
Eugene E. Record, M.D.
Robert J. Joplin, M.D.
John A. Reidy, M.D.
Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery
Thomas L. DeLorme, M.D.
J. Drennan Lowell, M.D.
Melvin J. Glimcher, M.D.
William R. MacAusland, Jr., M.D.
William N. Jones, M.D.
Richard A. Mayo, M.D.
Morten Smith-Petersen, M.D.

Podiatrist
John F. Kelly, D.S.C.

Assistant Podiatrist
John D. McLean, D.S.C.

UROLOGY

Chief of Service
Wyland F. Leadbetter, M.D.

Visiting Urologist
Sylvester B. Kelley, M.D.

Associate Visiting Urologist
Howard I. Suby, M.D.

Assistant Urologists
Walter S. Kerr, Jr., M.D.
Lorande M. Woodruff, M.D.

Assistants in Urology
Joshua J. Hurwitz, M.D.
Harold A. Rudy, M.D.

OBSTETRICS

Associate Obstetricians

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
Samuel B. Kirkwood, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.

Assistant Obstetricians

Daniel Abramson, M.D.
Christopher J. Duncan, M.D.
Luke Gillespie, M.D.
Richard H. Grogan, M.D.
Daniel H. Hindman, M.D.
Herbert T. Leighton, M.D.
George E. May, M.D.
Francis Rouillard, M.D.
Weston F. Sewall, M.D.
Bartlett H. Stone, M.D.
Charles L. Sullivan, M.D.
Benjamin Tenney, Jr., M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
Henry J. Carney, D.M.D.
George Christman, D.M.D.

Dental Surgeons

Peter A. Dempsey, D.M.D.
Walter C. Guralnick, D.M.D.
Owen W. Kite, D.D.S.
Glenn W. Lawrence, D.M.D.
Robert G. Rae, D.M.D.
Frank I. Rhodes, D.M.D.
Charles E. Rounds, D.M.D.
John C. Stanton, D.M.D.

Assistant Dental Surgeons

Neville A. Booth, D.M.D.
Harold A. Bratt, D.M.D.
William L. Cosgrove, D.M.D.
Herman DeWilde, D.M.D.
Charles H. Endee, D.M.D.
Frederick J. Feeney, D.M.D.
Henry D. Howe, D.M.D.
Julius J. Levitan, D.M.D.
Robert C. Lincoln, D.M.D.
Richard L. Miner, D.D.S.
George M. Noss, D.M.D.
Morton J. Olin, D.M.D.
Symon C. Polansky, D.M.D.
Frederick K. Poulin, D.M.D.
Keith A. Shangraw, D.M.D.
John B. Taylor, D.D.S.
Norman Trieger, D.M.D.
Earl J. Waddington, D.M.D.
Jerome K. Walker, D.M.D., M.D.
R. Ronald Wyman, D.M.D.

DEPARTMENTS

PATHOLOGY

Chief of Department

Benjamin Castleman, M.D.

Associate Pathologists

Robert E. Scully, M.D.
Edgar B. Taft, M.D.
Austin L. Vickery, Jr., M.D.

Assistant Pathologists

Richard B. Cohen, M.D.
Winfield S. Morgan, M.D.
Agnes Burt Russfield, M.D.
David Spiro, M.D., PH.D.

Associate Visiting Pathologist

Ronald C. Sniffen, M.D.

Assistants in Pathology

Leonard Atkins, M.D.
*H. Robert Dudley, Jr., M.D.
Fairfield Goodale, Jr., M.D.
Priscilla Dienes Taft, M.D.

Neuropathologists

Raymond D. Adams, M.D.
Edward P. Richardson, Jr., M.D.

Associate Neuropathologist

C. Miller Fisher, M.D.

Consultants in Forensic Pathology

William J. Brickley, M.D.
Michael A. Luongo, M.D.

*As of July 1, 1958

BACTERIOLOGY

Assistant Bacteriologist

Lawrence J. Kunz, PH.D.

Consulting Bacteriologist

Louis Dienes, M.D.

RADIOLOGY

Chief of Department

Laurence L. Robbins, M.D.

Radiologists

Milford D. Schulz, M.D.
Stanley M. Wyman, M.D.

Associate Radiologist

John D. Reeves, M.D.

Assistant Radiologists

Jack R. Dreyfuss, M.D.
*Paul M. St. Aubin, M.D.
**Chiu-chen Wang, M.D.
‡Richard V. Wilson, M.D.

Assistant in Radiology

Roy J. Barry, M.D.
J. Malcolm McNeill, M.D.
Richard G. O'Brien, M.D.
Majic S. Potsaid, M.D.
**Robert S. Richards, M.D.

Consultant

Merrill C. Sosman, M.D.

*On leave of absence
**July 1, 1958
‡Through June 30, 1958

Engineer
Oliver E. Merrill, B.E.E.

Physicist
Edward W. Webster, PH.D.

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.

Consultants in Medicine
Benjamin G. Ferris, M.D.
Conrad Wesselhoeft, M.D.

Consultants to Children's Medical Service
William Berenberg, M.D.
Louis K. Diamond, M.D.
Stewart H. Clifford, M.D.
Clement A. Smith, M.D.

Consultant in Surgery
Augustus Thorndike, M.D.

Consultant in Neurosurgery
Oscar Hirsch, M.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultants in Physics
Robley D. Evans, PH.D.
John G. Trump, D.SC.

Consultant in Radiology
Merrill C. Sosman, M.D.

Consultant in Neurophysiology
Alexander Forbes, M.D.

Consultant in Biomechanics
Robert J. Hansen, D.SC.

ASSOCIATE STAFF

Clinical Associates in Medicine

John R. Graham, M.D.
David Littmann, M.D.
Sylvester McGinn, M.D.
Henry D. Stebbins, M.D.
Frederic Tudor, M.D.
Arthur A. Wills, Jr., M.D.
John W. Zeller, M.D.

Clinical Associates in Dermatology

Alan P. Freedberg, M.D.
John L. Fromer, M.D.

Clinical Associates in Children's Medicine

Doris R. Bennett, M.D.
Ralph W. Daffinee, M.D.
Edward C. Dyer, M.D.
John G. Flynn, M.D.
Theodore S. Golden, M.D.
Joseph L. Lewis, M.D.
Francis C. McDonald, M.D.
James A. O'Shea, M.D.
Walter Pick, M.D.
Leonard H. Plotkin, M.D.
Robert F. Wilson, M.D.

Clinical Associate in Psychiatry

Lionelle D. Wells, M.D.

Clinical Associates in Surgery

Donald V. Baker, Jr., M.D.
Martin J. Bellinger, M.D.
Chester J. Dexter, M.D.
George F. Emerson, M.D.
Gerald G. Garcelon, M.D.
Walter E. Garrey, M.D.
John B. Graham, M.D.
Irad B. Hardy, Jr., M.D.
Joseph A. Holmes, M.D.
Roy E. Mabrey, M.D.
William K. McClelland, M.D.
George A. Marks, M.D.
Carroll C. Miller, M.D.
Joseph E. Murray, M.D.
Spiros P. Sarris, M.D.
James M. Shannon, M.D.
Lamar Soutter, M.D.
John W. Spellman, M.D.
Richard H. Thompson, M.D.
Masao Yatsuhashi, M.D.

Clinical Associates in Neurosurgery

Samuel Lowis, M.D.
Jost J. Michelsen, M.D.
Bertram Selverstone, M.D.

Clinical Associate in Urology

Emil J. Ganem, M.D.

Clinical Associates in Radiology

Joseph Hanelin, M.D.
H. Peter Mueller, M.D.
Richard Schatzki, M.D.

Clinical Associates in Orthopedic Surgery

Williams Cochran, M.D.
Louis Nathan, M.D.

Clinical Associates in Dentistry

Merton W. Foss, D.M.D.
Daniel J. Holland, Jr., D.M.D.
Howard C. Reith, D.M.D.
Edward L. Sleeper, D.D.S.
Ralph D. Thompson, D.M.D.

CLINICAL ASSISTANTS

Medicine

Alan C. Aisenberg, M.D.
Arthur E. Brown, M.D.
Winnifred P. Chase, M.D.
Albert I. C. DeFriez, M.D.
Ellis Dresner, M.D.
Irving H. Itkin, M.D.
Louis Kunian, M.D.
Edward S. Rendall, M.D.
Raymond J. Savignac, M.D.
Gordon D. Winchell

Dermatology

Lester J. Bienvenu, M.D.
Nicholas J. Fiumara, M.D.

Psychiatry

Paul S. Kraus, M.D.
Maxwell G. Potter, M.D.
Lionel A. Schwartz, M.D.

Surgery

Frank Cesare, M.D.
Richard R. Curtin, M.D.
Frederick McA. Davies, M.D.
James M. Doonan, M.D.
Frank W. Garran, Jr., M.D.
Paul F. Gryska, M.D.
Eugene Guralnick, M.D.
John M. Head, M.D.
Knowles B. Lawrence, M.D.
Theodore M. Leary, M.D.
Phyllis MacNeil, M.D.
Raymond E. Militzer, M.D.
Albert S. Murphy, M.D.
Aram Roopenian, M.D.
John L. Rowbotham, M.D.
Clarke Staples, M.D.

Orthopedic Surgery

Robert B. Brendze, M.D.
Verner S. Johnson, M.D.

Neurosurgery

Alfred J. Luessenhop, M.D.
Bernard B. Stone, M.D.

Urology

Nelson L. Portnoy, M.D.

Radiology

James A. Peterson, M.D.

Dentistry

Norton Fishman, D.M.D.

HOUSE STAFF

Residents and Interns

As of January 1, 1958, with subsequent appointments

Medicine

Chief Resident: John H. Knowles, M.D.

Residents:

Henry N. Claman, M.D.
Charles S. Keevil, Jr., M.D.
David J. L. Luck, M.D.
John A. Mills, M.D.
Bruce J. Sams, Jr. M.D.
Allan I. Sandler, M.D.
Frank K. Austen, M.D.—July 1
Robert H. Jones, M.D.—July 1
Jan Koch-Weser, M.D.—July 1
Donald B. Martin, M.D.—July 1
Harvey D. Rothberg, M.D.—July 1

Assistant Residents:

Arthur F. Amick, M.D.
Fred B. Ballard, Jr., M.D.
Paul H. Black, M.D.
Norman K. Brown, M.D.
Leon I. Goldberg, M.D.
Edgar Haber, M.D.
John W. Josse, M.D.
Herbert J. Levine, M.D.
William M. O'Brien, M.D.
James A. Rose, M.D.
John D. Turner, M.D.
Arnold N. Weinberg, M.D.
Marvin M. Lipman, M.D.—July 1

Interns:

Richard H. Aster, M.D.
George P. Baker, Jr., M.D.
Daniel Deykin, M.D.
Robert B. Layzer, M.D.
Arthur J. Moss, M.D.
John T. Potts, M.D.
Dwight R. Robinson, M.D.
John W. Singleton, M.D.
Donald W. Sutherland, M.D.
David Van Buskirk, M.D.
Carl T. Wolff, M.D.
Peter M. Yurchak, M.D.

Dermatology

Resident: R. Neal Schneiderman, M.D.

Assistant Residents:

E. William Rosenberg, M.D.
Ken Hashimoto, M.D.—July 1
Arthur S. Lurie, M.D.—July 1

Neurology

Resident: William E. Karnes, M.D.

Assistant Residents:

David A. Drachman, M.D.
Paul R. McHugh, M.D.
Hugo W. Moser, M.D.
Irving Zieper, M.D.

Psychiatry

Resident: Egbert H. J. Mueller, M.D.

Assistant Residents:

Henry C. Everett, III, M.D.
Richard H. Smith, M.D.
Clarence E. Thornton, M.D.
Habibolah Davanloo, M.D.—July 1
Zbigniew J. Lipowski, M.D.—July 1
Harry S. Olin, M.D.—July 1

Children's Medicine

Chief Resident: Gerhard Nellhaus, M.D.—July 1

Assistant Residents:

Robert W. Chamberlin, Jr., M.D.
John P. Connelly, M.D.
Sylvia A. Davies, M.D.
Nathan H. Fearer, M.D.
Nathan T. Griscom, M.D.
Florosa A. Bautista, M.D.—July 1
Howard S. King, M.D.
Gerhard Nellhaus, M.D.
Herbert A. Newman, M.D.
Philip J. Porter, M.D.
Patrick F. Rose, M.D.
Margaret Ann Single, M.D.

Interns:

Richard F. Bedell, M.D.
Milton S. Grossman, M.D.
Stanford B. Friedman, M.D.
Albert I. Holtz, M.D.

Surgery

Residents:

Clement A. Heibert, M.D.
William H. Hendren, III, M.D.

First Assistant Residents:

John D. Constable, M.D.
Ralph C. Darling, Jr., M.D.
Harry B. Ditmore, Jr., M.D.
Ira A. Ferguson, Jr., M.D.
Charles E. Huggins, M.D.
John A. Malcolm, M.D.
Judson G. Randolph, M.D.

Second Assistant Residents:

William G. Austen, M.D.
Edwin L. Carter, M.D.
Edward L. Ferguson, M.D.
Timothy S. Harrison, M.D.
Stephen E. Hedberg, M.D.
John A. Mannick, M.D.
Harold May, M.D.
Charles F. McKhann, III, M.D.
Eugene R. Nobles, Jr., M.D.
Farrokh Saidi, M.D.
Edwin W. Salzman, M.D.
George D. Zuidema, M.D.
Donavin A. Baumgartner, Jr., M.D.—July 1

Third Assistant Residents:

Bob Bullwinkel, M.D.
Louis H. Edmunds, Jr., M.D.
Jack J. Greenberg, M.D.
John W. Grover, M.D.
Dale G. Johnson, M.D.
Donald M. McKee, M.D.
Alfred E. Miller, M.D.
Anthony P. Monaco, M.D.
William L. Strickler, M.D.
Dwight R. Robinson, M.D.
—July 1

Interns:

Moses J. Folkman, M.D.
Abdollah Gashgai, M.D.
John B. Herrmann, M.D.
Mark M. Kartchner, M.D.
John L. Lewis, Jr., M.D.
Gustave C. E. Mueller, M.D.
John P. Remensnyder, Jr. M.D.
George M. Williams, M.D.

Neurosurgery

Residents:

Raymond N. Kjellberg, M.D.
Richard L. Rovit, M.D.

Assistant Residents:

David M. Klein, M.D.
John Mealey, Jr., M.D.
Robert G. Ojemann, M.D.
Dagoberto Sosa, M.D.
Clyle N. Shealy, M.D.—July 1

Anesthesia

Resident:

Alfred D. Surtees, M.D.

Assistant Residents:

John Q. Durfey, M.D.
Richard F. Jackanich, M.D.
Thomas J. Keenan, M.D.
Susanne J. Lamdin, M.D.
John E. Mazuzan, Jr., M.D.
Robert A. Schmidt, M.D.
Barbara E. Waud, M.D.
Paul E. Gaver, M.D.—July 1
Alan H. Goldberg, M.D.—July 1
Norman T. Smith, M.D.—July 1

Orthopedics

Residents:
Robert P. Fornshell, M.D.
Douglas G. Tompkins, M.D.

Assistant Residents:
Scott Adler, M.D.
Joseph H. Dimon, III, M.D.
Frederick A. H. Greenwood, M.D.
William H. Harris, M.D.
John R. Huckell, M.D.
Robert E. Key, M.D.
John B. Tallon, M.D.

Urology

Resident:
Edward C. Parkhurst, M.D.

Assistant Residents:
James H. Duxbury, M.D.
Guy W. Leadbetter, Jr., M.D.
Sanford D. Weinert, M.D.

Pathology

Assistant Residents:
Alexander Breslow, M.D.
Donald J. Glotzer, M.D.
Robert S. Harper, M.D.
Richard T. A. Hunt, M.D.
Richard F. Mayer, M.D.
Robert B. McFarland, M.D.
Sanford I. Roth, M.D.
Richard J. Stenger, M.D.
William M. Thurlbeck, M.D.
Giles D. Toll, M.D.
Sumner I. Zacks, M.D.
George F. Kwass, M.D.—July 1
Wallace A. Jones, M.D.—July 1

Interns:
Harold T. Dillon, Jr., M.D.
Betty Jane McClellan, M.D.
Victor J. Rosen, Jr., M.D.

Radiology

Residents:
William R. Blade, M.D.
Robert S. Richards, M.D.
Richard C. Packert, M.D.

Assistant Residents:
Jeannette A. Hovsepian, M.D.
D. Glyn Millard, M.D.
John T. Pollard, Jr., M.D.
Stefan C. Schatzki, M.D.
Clinton B. Seeley, M.D.
Harold Simon, M.D.
Alfred L. Weber, M.D.
Walther T. Weylman, M.D.

Dentistry

Interns:
H. David Hall, D.M.D.
Earle H. Rosenberg, D.M.D.

CLINICAL AND RESEARCH FELLOWS

Medicine

Mary Day Albert, PH.D.
William H. Batchelor, M.D.
Fred "E" Bell, PH.D.
John F. Bertles, M.D.
Willi Burgi, M.D.
John J. Calabro, M.D.

Clive B. Cameron, M.D.
Nerio E. Casanova, M.D.
Ignacio Chavez, Jr., M.D.
Beverly W. Cobbs, Jr., M.D.
Alan S. Cohen, M.D.
Anthony M. Dawson, M.D.
John L. Decker, M.D.
Leslie J. DeGroot, M.D.
John Denovian, M.D.
Elias C. Dow, M.D.
Mircea Enesco, M.D., PH.D.
Edwin H. Eylar, PH.D.
John H. Fessler, PH.D.
Liselotte I. Hecht, PH.D.
Sylvia F. Jackson, PH.D.
George Kaldor, M.D.
Arthur Klein, M.D.
Heinz Kohler, PH.D.
William E. Lassiter, M.D.
Charles I. Levene, M.D.
LeRoy H. Maffly, M.D.
Donald B. Martin, M.D.
Antal M. Martonosi, M.D.
Josip Matovinovic, M.D.
Pierre A. Maurice, M.D.
Edwin P. Maynard, III, M.D.
Alberto Miyara, M.D.
William L. Morgan, Jr., M.D.
Alex F. Muller, M.D.
Thomas Nussbaumer, PH.D.
Carlos Pantoja, M.D.
Maurice M. Pechet, M.D.
Joseph R. Petranek, M.D.
Annette M. C. Rapin, M.D.
Betty S. Roof, M.D.
Adalbert F. Schubart, M.D.
William H. Shafer, M.D.
Nathan Sharon, PH.D.
John T. Sharp, M.D.
Leslie F. Smith, PH.D.
Elizabeth M. Sparrow, PH.D.
Dorothy K. Stearns, PH.D.
Mary L. Stephenson, PH.D.
Anne M. Stoffyn, PH.D.
Pierre J. Stoffyn, PH.D.
John B. Stokes, M.D.
Zofia Tarasiejska, PH.D.
Yang Wang, M.D.
Irving Welliky, B.S.

Dermatology

Laszlo L. Fekete, M.D.
Bronius Baskys, M.A.
Ruth K. Freinkel, M.D.
Edmund Klein, M.D.
James F. Patterson, M.D.
Sabino J. Sinesi, M.D.

Psychiatry

Margit M. Bellman, M.D.
Harriet L. Boardman, M.D.
Robert L. Bragg, M.D.
Richard J. Brown, M.D.
Herbert S. Cline, M.D.
Martin R. Coles, M.D.
Frederick J. Duhl, M.D.
Nancy A. Durant, M.D.
William A. Johnson, M.D.
Johannes C. Melchior, M.D.
Jack H. Mendelson, M.D.
Wayne C. Mercer, M.D.
Norman Leo Paul, M.D.
Emil J. Pawlowski, M.D.
Edward J. Rosen, M.D.
William Sharpe, Jr., M.D.
William R. Shelton, M.D.
Alvin J. Simmons, PH.D.
Richard H. Smith, M.D.
Mualla Süler, M.D.
Taeko Sumi, M.D.

Psychology

Gillray Kandel, B.S.
Eric H. Lenneberg, PH.D.
John L. Sloanaker, PH.D.
Donald L. Weston, PH.D.

Children's Medical Service

Niels E. Brandstrup, M.D.
Stuart Q. Flerlage, M.D.
Jan-Henrik Probst, M.D.
Robert H. Richie, Jr., M.D.
Alison B. Scott, M.D.
Juan F. Sotos, M.D.
Dorothy B. Villee, M.D.

Neurology

Jean N. Angelo, M.D.
Herbert R. Karp, M.D.
Elliott L. Mancall, M.D.
David C. Poskanzer, M.D.
Norman Ronis, M.D.
Steven Schenker, M.D.

Neuropathology

John R. Hills, M.D.
Robert F. Kibler, M.D.
Marie Sadka, M.D.

Physical Medicine

David C. Blair, M.D.

Surgery

Rafael M. Casas, M.D.
William P. Corvese, M.D.
Francis R. Coughlin, Jr., M.D.
Hyman Gaylis, M.D.
William M. Keynes, M.D.
Jan Nielubowicz, M.D.
Hugo M. Palazzi, M.D.
Anne Wight Phillips, M.D.
Alejandro H. Villegas, M.D.
Laszlo O. Vincze, M.D.
D. Albert Young, M.D.

Neurosurgery

Lionel O. Garrote, M.D.
Derek S. Gordon, M.D.
Federico Mora, M.D.
Yasuzo Tsukada, M.D.

Orthopedics

Ronald S. Cowie, M.D.
William H. Harris, M.D.
George M. Ricketson, M.D.

Anesthesia

James E. Anliker, M.D.
William R. Brewster, Jr., M.D.
Chung Hyun Cho, M.D.
Peggy J. Clark-Roberts, M.D.
Hans J. Eberlein, M.D.
Risto Eerola, M.D.
Judith F. Gould, M.D.
Joachim S. Gravenstein, M.D.
Bernhard Laukenmann, M.D.
Myron B. Laver, M.D.
Pierre Lazorthes, M.D.
Marie-Louise Levy, M.D.
Gian Paolo Novelli, M.D.
Tsutomu Oyama, M.D.
Claus W. Reichle, M.D.
Beatrice E. Sleigh, M.D.
Gene M. Smith, PH.D.
James Leo Vanderveen, M.D.
Franz Wendlberger, M.D.

Pathology

G. Richardson Dickersin, M.D.
Paul R. Draskóczy, M.D.
Joseph W. Ferrebee, M.D.
Richard R. Kelley, B.A.

Robert P. L. des Floris, M.D.
Luis Loret de Mola, M.D.
Joseph D. Sabella, M.D.
George B. D. Scott, M.D.
Richard J. Stenger, M.D.
Theodore van Ravenswaay, M.D.

Radiology

Yosh Maruyama, M.D.
Robert W. Spicher, M.D.
Maurice Thibault, M.D.

Urology

Leonardo S. J. Martin, M.D.
Hermann K. Schueler, M.D.

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 187.

The Ophthalmological and Otolaryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE AND EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology

Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology

Frederick H. Verhoeff, M.D.

Surgeons in Ophthalmology

William P. Beetham, M.D.
Virgil G. Casten, M.D.
David G. Cogan, M.D.
Mahlon T. Easton, M.D.
Trygve Gundersen, M.D.
Brendan D. Leahey, M.D.

Associate Surgeons in Ophthalmology

Hugh C. Donahue, M.D.
Albert E. Sloane, M.D.
Garrett L. Sullivan, M.D.

Assistant Surgeons in Ophthalmology

Henry F. Allen, M.D.
Harry E. Braconier, M.D.
Thomas Cavanaugh, M.D.
Julian F. Chisholm, Jr., M.D.
Joseph M. Clough, M.D.
Edward E. Covitz, M.D.
W. Morton Grant, M.D.
Carl C. Johnson, M.D.
Sumner D. Liebman, M.D.
Charles H. MacLaughlin, M.D.
S. Forrest Martin, M.D.
Henry A. Mosher, M.D.
Richard B. Pippitt, M.D.
Abraham Pollen, M.D.
Karl Riemer, M.D.
Charles L. Schepens, M.D.
David H. Scott, M.D.
Earl S. Seale, M.D.
Taylor R. Smith, M.D.
William Stone, Jr., M.D.
Francis J. West, M.D.

Assistants in Ophthalmology

D. Robert Albert, M.D.
Peter Beck, M.D.
S. Arthur Boruchoff, M.D.
Frederic B. Breed, M.D.
Robert J. Brockhurst, M.D.
S. James Bullington, M.D.
Richard B. Chapman, M.D.
Thomas P. Cronin, M.D.
David D. Donaldson, M.D.
Joseph L. Dowling, Jr., M.D.
Carl G. Freese, M.D.
Edwin B. Goodall, M.D.
Warren D. Haley, M.D.
Linley C. Happ, M.D.

Robert J. Herm, M.D.
John M. Hill, M.D.
Paul D. Hurley, M.D.
Irwin T. Mancall, M.D.
Arthur M. Morrissey, M.D.
Bertha Offenbach, M.D.
Ichiro D. Okamura, M.D.
Irving L. Pavlo, M.D.
Charles D. J. Regan, M.D.
Paul M. Runge, M.D.
Baruch J. Sachs, M.D.
Alfred W. Scott, M.D.
John J. Sullivan, M.D.
Robert R. Trotter, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Chief of Otology and Laryngology
LeRoy A. Schall, M.D.

Surgeons in Otolaryngology
Walter J. E. Carroll, M.D.
Maurice G. Evans, M.D.
John R. Frazee, M.D.
Vincent J. Kelley, M.D.
Francis L. Weille, M.D.

Associate Surgeons in Otolaryngology
J. Charles Drooker, M.D.
Joseph Lentine, M.D.
Donald K. Lewis, M.D.
John E. McKeigue, M.D.
Daniel Miller, M.D.
Herman J. Sternstein, M.D.
Bernard Zonderman, M.D.

Assistant Surgeons in Otolaryngology
Elizabeth DeBlois, M.D.
Kenneth A. Kazanjian, M.D.
Charles Kent, M.D.
Edward F. Lawlor, M.D.
Werner Mueller, M.D.
George F. Reed, M.D.
William P. Rogers, Jr., M.D.
Maurice Ruben, M.D.
Frank R. Shlossberg, M.D.
Anthony Zovickian, M.D.

Assistants in Otolaryngology
Hugo D. Angelini, M.D.
Lawrence S. Hirsch, M.D.
Robert E. Klotz, M.D.
William W. Montgomery, M.D.
Mendell Robinson, M.D.
Morris Swartz, M.D.
Albert Weiser, M.D.
Sidney R. Wilker, M.D.

One Hundred Forty-Fourth Report of the Trustees

IN January, 1957, the Hospital received a grant of $178,000 from the John A. Hartford Foundation, Inc. for the purpose of a study of the mechanism of fluid and lipid metabolisms and their relationship to heart and kidney diseases. It is hoped that by this generous grant the Hospital may further basic research in the field of atherosclerosis. Dr. Paul D. White was instrumental in interesting the Foundation in this project.

Extensive alterations have been made in the Convalescent Unit of the Hospital, in great part obtained through the generosity of the Storrow family who are continuing in its support, thereby increasing the comfort of those convalescing in this attractive unit. Renovations of the fourth floor of the Phillips House are also in progress.

One of the outstanding events of the year was the dedication of the Mixter Laboratories for Neurosurgical Research in the Warren Building. A large gathering of Trustees, Members of the Corporation, and friends of Dr. William Jason Mixter, as well as members of the Mixter family, attended a luncheon in the Warren Building at which Mr. Phillips Ketchum presided. Reverend Theodore Parker Ferris, Rector of Trinity Church, gave an inspiring address on the outstanding career of Dr. Mixter. This neurosurgical research laboratory forms a bridge between Massachusetts Institute of Technology and Massachusetts General Hospital, and is unique in a general hospital.

In order to meet mounting expenses, several of the hospitals in Boston agreed that it would be fair to make an additional charge for the first day's stay in the hospitals rather than to spread this charge to those needing longer care, so in May the trustees voted to make a $15 charge to cover the initial cost of admitting a patient. However, in December, the Commissioner of Administration stated that he believed this to be an unfair charge and threatened to cancel the Blue Cross contracts with

the hospitals unless it was removed. We regret the undue publicity given to this matter, and believe that the general public does not realize the amount of free care that is given by the doctors and the Hospital. No one is refused entrance because of his inability to pay and over two million dollars was written off for those unable to pay the full amount. However, after several meetings with the Commissioner, it was decided to spread this charge over the first three days.

Dr. Alfred H. Stanton, Psychiatrist-in-Chief at McLean Hospital, is enlarging his group of doctors in order to strengthen our teaching facilities there. He is also doing a great deal of painting and interior rearranging to increase the attractiveness and efficiency of the buildings. Dr. Jordi Folch-pi and Dr. Alfred Pope continue to make progress in the Research Laboratory at McLean on some of the problems in the diseases of the brain and in the normal brain as well.

The fall meeting of the Corporation was held at luncheon in Bartlett Hall, the most recently built nurses' residence. It was the first time that we have gathered there, and the theme of the meeting was the need for a new Ambulatory Clinic Building as one of the priorities in the long range planning of the Hospital.

The Scientific Advisory Committee met on December 13 and 14 and was most complimentary about the work being carried on in the various laboratories in the Hospital.

This Committee now consists of: William B. Castle, M.D., Professor of Medicine, Harvard University; Rene J. Dubos, Rockefeller Institute for Medical Research, New York City; George R. Harrison, Ph.D., Dean of Science, Massachusetts Institute of Technology; Charles Huggins, M.D., Professor of Urology, University of Chicago Medical School; Seymour S. Kety, M.D., Associate Director, National Institute of Mental Health, Neurological Diseases and Blindness, National Institutes of Health, Bethesda, Maryland; and Severo Ochoa, M.D., Professor of Biochemistry, New York University College of Medicine.

In preparation for the feared epidemic of Asian Flu, plans were made by the staff and every precaution taken to handle

such an epidemic as efficiently as was the polio epidemic. We are thankful that it was not necessary to put these precautions to use.

Dr. Fritz Lipmann, Professor of Biochemistry at Harvard and Chief of Research Chemistry at M.G.H., and Nobel Prize winner, resigned to accept an appointment with the Rockefeller Institute. He will be greatly missed but we wish him well in this new and important work.

We report with regret the death of Dr. W. Franklin Wood, who died suddenly on January 15, 1938. Dr. Wood was first an Assistant Director of the Massachusetts General Hospital; he was then made the first Director of the Baker Memorial in 1930; and later he had a long and distinguished career as Director of the McLean Hospital. On his retirement in 1956, he became a member of the Corporation.

RALPH LOWELL
RT. REV. ROBERT P. BARRY
For the Trustees

Report of the General Director

To the Trustees of The Massachusetts General Hospital:

IT is an honor to submit herewith the Annual Report of the Hospital for the year 1957, my ninth as General Director.

Perhaps the most noteworthy event of the year was the success of the Nursing Service in opening, for the first time since 1943, all the patient care units of the Hospital. This was made possible, in part, by the success of the new bonus system for permanent evening and night duty, because it was scarcity of nurses for these two shifts that had previously limited the floors which could be kept open. With starting daytime salaries of $70 a week for general duty nurses and bonuses of $20 a week and $15 a week for permanent evening and night duty, respectively, the Nursing Service is now in a far stronger position than ever before to attract nurses from areas outside of Boston (we do not want to and, as a rule, do not obtain nurses at the expense of other Boston hospitals) and even from outside of New England. For the tremendous effort and the high degree of imagination and skill involved in devising these changes and in staffing all our floors, the Nursing Service deserves high praise and has earned great appreciation from us all.

This success reflects to a very large extent the philosophy adopted this year by the Nursing Service in dealing with the so-called nursing shortage. According to this philosophy, the supply of graduate nurses in the United States is going to be limited for a long time to come and may well get still worse before it gets better, and so instead of merely worrying about the shortage, we had better get busy learning how to do the best we can with what we have. This does not mean that attention must not be paid at the same time to plans for increasing the supply of nurses, as it surely must if the country is ever to have really adequate nursing service.

The success in opening all our floors justifies, too, in my opinion, the widely-criticized emphasis in nursing education on the training of leaders for the profession rather than simply

training larger numbers of routine bedside nurses. A lot of nonsense has been written and spoken about giving nurses too much education and "pulling them away from the bedside." It is my firm conviction, and the events here this past year bear me out, that with the right kind of leadership in nursing service administration — directors, supervisors, and head nurses — cooperating fully with staff physicians and hospital administration, the utilization of available professional nurses and other nursing service personnel can be so much improved that much of the shortage in mere numbers can be overcome. This kind of leadership, however, requires more and better education, not less, because the skills which are involved in making the best use of personnel in a complex institution like a hospital can be taught successfully, and indeed, probably *have* to be taught unless we are to rely solely on that slowest — although some say soundest — and often most faltering teacher, experience.

It is probable, I believe, that a large part of the nursing "shortage" in this country today was caused by our previous lack of emphasis on training for leadership, our simple — and, in retrospect, simple-minded — reliance merely on more bodies.

For our armed forces, we make very special efforts to train officers, and without them would simply have no armed forces at all. Industry today is putting enormous efforts into the training of executives and foremen. A nursing service such as ours, with more than 1,000 persons in it, is a small army in itself and, moreover, it has to function efficiently and almost at full force 24 hours a day every day in the year.

Top-flight leadership in our Nursing Service made our 1957 accomplishment possible and from this it seems reasonable to conclude one of the best ways to cure the nurse "shortage" nationwide is through education for leadership in nursing. It is significant, in this connection, that the only Congressional action since the war directly bearing on the education of the members of the health professions was the passage, last year, of the bill to provide federal aid for the education of nursing administrators, educators, and supervisors.

Along the same line, a study was begun, in September, with Rockefeller Foundation aid, of the Radcliffe-MGH Coordinated Program in Nursing Education by Professor Everett Hughes

of the Department of Sociology of the University of Chicago. This Program, which was designed for the education of leaders in nursing, has been only partially successful. Its main difficulties have proved to be its length (5 years and 10 months) and the fact that graduates, while receiving a Radcliffe B.A., do not obtain any degree in nursing as such. Since degrees in nursing are required for many important positions in nursing administration, public health, and nursing education, our Program has not attracted as many students as would be desirable. It is hoped that, following Mr. Hughes' study, changes can be instituted to make the Program more worth while.

Changes in curriculum which it is hoped will improve our basic diploma program for nurses were also instituted in September. These consisted of discontinuing the dwindling March entering class and enlarging the September class from 100 to 136 students. At the same time, the months of formal instruction were reduced from 28 to 24 and the length of the nurse-internship was correspondingly increased from 8 to 12 months. These changes will permit better scheduling of instruction and should increase the clinical competence of our graduates.

Another significant event of the hospital year was the dedication, on Ether Day, October 16, of the Mixter Laboratories for Neurosurgery in the fourth floor of the Warren Building. This was not only a richly deserved tribute to Dr. W. Jason Mixter and the other distinguished medical members of the family, Dr. Charles G. Mixter and his son, Dr. Charles G. Mixter, Jr., but was also another of the steps designed to develop here a great center of neurological and psychiatric education and research. Symbolic of this effort is location of the Neurosurgical Laboratories on a floor actually between those of the laboratories for neurology and for psychiatry and in the same building, too, as the Neuropathology Laboratory. It is anticipated that this will result in much fruitful collaboration among these four groups.

The Warren Building was the location of yet another significant development for the Hospital this year: the opening of five floors of offices for staff members. All of these have now been occupied or spoken for and will house approximately 75

members of the staff. At the year's end, occupants of these floors expressed great satisfaction with their new hospital-based quarters — something, incidentally, that has been desired by the staff for 20 years or more. None of the money donated toward the construction of the Warren Building was used in the construction of these particular floors.

The conversion of White 9 to a special floor for rehabilitation was begun during the year. This floor, which is available for the treatment of private as well as Service patients from anywhere in the Hospital, will have special facilities, such as a substation of the brace shop, a kitchen designed for the training of paraplegic and otherwise disabled housewives, an exercise room for gait training and muscle strengthening, facilities for specialized physical therapy and occupational therapy, and a respirator unit. It is hoped that this new unit may be of service to patients with disabilities due to both accidents and disease, referred from many sources such as industry, labor, and the Massachusetts Rehabilitation Commission as well as our own staff and other physicians and social agencies in the community.

In the Fall of the year, considerable concern was felt about the possible crippling of the Hospital's services by a sweeping epidemic of influenza, produced by an unfamiliar type of influenza virus, called "Asian" because it first caused epidemics in Asia. While the disease produced by this virus was generally mild, the fact that virtually no one in our population had any immunity against it gave rise to fears that a large proportion of hospital employees and staff might be incapacited simultaneously at the very time their services were needed most — in the midst of an epidemic. An effective vaccine having been developed by the combined efforts of the Army Medical Service, the United States Public Health Service, and the pharmaceutical industry, arrangements were quickly made for the vaccination of all employees and staff members of the Hospital as well as of patients with chronic heart and lung disease and other conditions which might be seriously aggravated by an attack of influenza. Under the able direction of Dr. Gerald S. Foster, the vaccinations were given in record time and no difficulties with the epidemic (which in Boston proved not be very sweeping anyway) were experienced.

A special note should be made of the highly successful activities of the Staff Wives Reception Center. This extremely helpful service for professional visitors to the Hospital has now finished its second full year. Nothing at the Hospital is appreciated more by our out-of-town and especially our foreign visitors than the assistance the Center gives in general hospitality and information, arrangements for housing, supplying of furniture, etc. Indeed, the Center's services are known around the world. Not long ago, for instance, an English physician said to me, "Twenty years ago the Massachusetts General Hospital was known in England as the most unfriendly, most inconsiderate (of foreigners) of all American hospitals; today, largely because of your Reception Center, it is considered to be the most hospitable of any." This is indeed high, and well deserved, praise for what the Staff Wives Association has accomplished.

During the year a new Trustees' Advisory Committee, similar to those for the School of Nursing and Nursing Service and for the Social Service Department, was established for the Volunteer Department, with Dr. Arthur W. Allen as its first Chairman. On it there are representatives of the Ladies' Visiting Committee, the Staff Wives Association, the Vincent Board of Managers, the Nursing Service, the Social Service Department, the Red Cross, the Out-Patient Department Committee, and the Administration, as well as the Medical and Surgical Staffs of the Hospital. It seems certain that this Committee will be of great assistance both in opening up new opportunities for volunteers and in recruiting new people as volunteers. There has long been a need for a representative committee like this one to stimulate and coordinate volunteer effort.

An unique and touching event took place on November 22 when, through the initiative of two of 1955's polio victims, Miss Florence Willis and Miss Rose Marie Newcomb, a reunion was held in the Moseley Rotunda of all patients (and their families), medical and nursing staff, and other personnel who had been on White 9 (the respirator unit) during that year's severe epidemic. It was a wonderful evening, with entertainment, refreshments, and companionship among those who remembered that difficult summer so well. Most of all, it was a memorable occasion because of the cheerfulness and enthusiasm

of the polio patients, who are certainly the most courageous and eager group imaginable, and who, it was obvious, enjoyed the evening a great deal. It is a joy to report that the two sponsors of the reunion, at that time still patients on White 9, are now full-time, paid employees of the Hospital, Miss Willis in the Dietary, and Miss Newcomb in the Accounting Department. It is characteristic of them that after a heavy winter snowstorm, when many hospital employees didn't manage to come to work, both of these girls turned up, as usual, on the dot. Congratulations!

As noted in the Trustees' Report, the Hospital suffered a great loss in 1957 by the resignation of Dr. Fritz Lipmann to accept a Membership in the Rockefeller Institute. For more than fifteen years Dr. Lipmann had worked here as a research chemist, coming here first as a Research Fellow in Surgery to collaborate with Dr. Oliver Cope in July, 1941, working brilliantly in biochemical studies through these years, and winning worldwide recognition as a Nobel laureate in 1953. We shall miss his inspiring presence on our Staff and wish him the utmost happiness and success in his new and important position.

Coming to us for the first time, September 4, was Dr. William S. Beck as Chief of the Hematology Clinic and head of the Baker Laboratory. Dr. Beck has distinguished himself not only as a hematologist and investigator at the University of California at Los Angeles and New York University, but also as the author of a book on medical science for the general reader, entitled "Modern Science and the Nature of Life" (Harcourt, Brace & Co., N.Y., May 1957) which has won general acclaim. We are much pleased to welcome Dr. Beck and to express the Hospital's hope for many years of mutually beneficial association with him.

All of these events, important in themselves, and, for the most part, heartening, serve to point up the Hospital's single greatest need: capital funds. Some reference was made to this in my last Annual Report but not in detail. We are told that there was a day in which one could count on large capital gifts and, especially, upon large bequests to meet capital needs as they arose. This may have been so once, but it is less true today, just as it has been less true for some years. (Let's hope that

some prospective benefactors will read these words and make me eat them!)

The capital needs are of three kinds: 1) Construction, 2) Endowment for patient care, and 3) Endowment for teaching and research. As for construction, the Hospital requires mainly the supporting buildings for care of patients — the things patients don't see but which make their care possible — residences for house officers, nurses, and other personnel; teaching facilities for the School of Nursing, and an auditorium that would hold 600 people (our largest at present holds 180); supporting services of the greatest necessity like the laundry, carpentry shop, plumbing shop, brace shop, and so on. The thing we need most, however, is a new Clinic Building for patients who can walk in and get complete care.

With regard to patient care, in general, we are always at least two million dollars a year in arrears. This is not because patients do not pay, but because they cannot. The proudest boast of the Massachusetts General Hospital is that it has never refused to accept a patient who needed hospital care because he could not pay, and this is true to this day. The question is, though, how long can we continue to care for patients who, either themselves or through third parties responsible for them, pay in sum about $2,000,000 less than their care costs? This will depend, to a large extent, on whether the Hospital's endowment is increased sufficiently to make up the difference. If we are to remain a hospital open to people from everywhere, whether they can pay or not — as we always have been — we're going to have to have about $20,000,000 more in endowment, and even then will need larger payments by Blue Cross and Public Welfare agencies.

But the thing that counts at the Massachusetts General, if it is going to be able to take care of its patients, is support for the basic source of its strength: teaching and research. We desperately need capital funds for construction and patient care, as do most hospitals. Patients come here, however, in large part because of the reputation of the Hospital and its Staff as constituting, in collaboration with Harvard Medical School, a great center of medical education and research. It follows, then, that support of our teaching and research effort, basically,

counts the most. For this we have almost no endowment at all — everything depends upon very soft money indeed. While such money is most welcome while it lasts, it gives no assurance for the future. The only way the Hospital can surely guarantee its care for patients in the future is to obtain a really substantial endowment specifically designated for education and research. Without this we shall forever be on tenterhooks, and this handicaps care of patients, teaching, and research alike.

In short, because of the constantly rising price level (necessarily resulting in higher wages and higher costs of supplies), and the increased cost of hospital care due to advances in medical science (requiring large increases in the numbers of hospital employees of higher skills to manage new and complex procedures and equipment), captital funds for facilities and endowment from large gifts and bequests are essential if the Massachusetts General Hospital is to continue to furnish the service it has traditionally provided, and remain an independent institution.

At the beginning of the year, the General Director had an extraordinary experience which he wishes to record, namely, a one day visit to Budapest, Hungary, about two months after the terrible fighting there. This was under the auspices of The Rockefeller Foundation. The visit was undertaken (the only one by Americans, officially, since the rebellion) to try to decide what help the Rockefeller Foundation might usefully give to the badly damaged Medical University. By the time of our visit, January 1957, the Hungarians had begun to recover from the Russian suppression of their attempt to gain freedom and were still exuberant enough to convey their feelings. They have apparently suffered much more since the time we were there. Our impression of the Hungarian people was one of intense and irrepressible fortitude and gallantry.

Among the distinctions that came during the year to various members of the staff are the following:

Dr. Joseph C. Aub was elected a member of the National Academy of Sciences.

Dr. Edwin F. Cave was elected 2nd Vice-President of the American College of Surgeons.

Dr. Madeline Brown was elected Medical Woman of the

Year by the New England Branch of the American Medical Association.

Dr. Laurence L. Robbins was named President-Elect of the Radiological Society of North America.

Dr. W. Franklin Wood, Director Emeritus of McLean Hospital, died on January 15, 1958. Dr. Wood first came to the Hospital as an Assistant Director in January, 1928, and was put in charge of the Baker Memorial when that unit was opened in 1930. In 1932 he was appointed Director of McLean Hospital in Waverley and served in this capacity through June 30, 1956, when he retired and was appointed Director Emeritus. Dr. Wood was beloved by all and will be greatly missed.

On March 16, 1958, Dr. William Jason Mixter, Honorary Surgeon, died. Dr. Mixter graduated from the South Surgical Service in 1907 and served continuously at the Hospital. In 1933 he became Chief of the Neurosurgical Service, where he served until his retirement in 1941. He later was recalled to serve as Acting Chief of that Service because of the absence of the then Chief on military service, and Dr. Mixter continued this service until 1946, and then became a member of the Board of Consultation. Dr. Mixter also served for two years as a member of the Board of Trustees, appointed by the Governor. Dr. Mixter was particularly noted for his development of surgery for ruptured intervertebral discs, a disorder of the spine. In recognition of his achievements the Mixter Laboratories for Neurosurgery were opened in the Warren Building on October 16, 1957.

The death of Dr. Arthur W. Allen occurred on March 18, 1958. A distinguished surgeon and member of our staff for many years, Dr. Allen graduated from the West Surgical Service in 1915 and was first appointed to the staff as Assistant Surgeon to Out-Patients in 1916. He served continuously through the various grades and became Chief of the East Surgical Service in 1936, where he served until 1948 when he became a member of the Board of Consultation. In 1953 Dr. Allen was appointed by the Governor of the Commonwealth as a Trustee of the Hospital and he still served in this capacity at the time of his death. He was an active and devoted member of the Board and an inspiration to all who served under and with him.

Dr. Loretta J. Cummins, the first woman to be appointed to the staff of the Hospital, died on February 25, 1958. She had served as a member of the Dermatology Staff since 1916 and at the time of her death was an Honorary Physician.

Other deaths, during the year 1957, were of Dr. Edwin H. Place on June 17, who had served as Consultant in Contagious Diseases; Dr. Charles W. Crowley, a member of our Dental Staff for twenty-nine years, who died on November 15; and Dr. Frederick C. Irving, a graduate of the West Surgical Service in 1911, who served on our Obstetrical Staff from 1919 through 1930, at which time he was Chief of the Obstetrical Department. In 1930 he resigned to become the distinguished Chief of Service at the Boston Lying-in Hospital and Professor of Obstetrics at the Harvard Medical School. His death occurred on December 24.

Dr. Mahlon B. Hoagland, Assistant to the General Director for Research and Education, left this position to go to England for a year of special study. He was succeeded by Dr. William D. Sohier, Jr.

Dr. Milton H. Clifford, a member of the Medical Staff in the position of Associate Physician, resigned after many years of service to accept a position of importance in Industrial Medicine, being appointed Medical Director of the Union Central Life Insurance Company. He will also take part in teaching activities in the Department of Internal Medicine at the University of Cincinnati College of Medicine.

Dr. Frederic M. Blodgett, a graduate of the Children's Medical Service and a member of the staff of that Service, resigned in July to accept an appointment as Assistant Professor in Pediatrics at Yale University School of Medicine.

Dr. Victor A. Politano, Assistant Urologist, resigned in September to become Associate Professor of Urology at Duke University, Durham, N.C.

Respectfully submitted,

DEAN A. CLARK, M.D.,
General Director

Annual Report of the General Executive Committee

IT is one of the valued traditions of the Massachusetts General Hospital that each of the major services has very considerable autonomy in developing its program of medical care, teaching and research. In this way the Hospital serves best its function as a university hospital. However, the problems of patient care have become so complex that constant review, mutual understanding and support are needed to lend to all this effort a common purpose and a shared vision. It is the function of the General Executive Committee to emphasize the common patterns, to maintain universally accepted standards of recruitment of staff and personnel, to facilitate joint planning for the best care of the patient, to balance the facilities and provisions for the vast program of teaching and training and to further the common interests of the various departments in productive research.

Each year is an administrative unit of time and thus arbitrarily circumscribes a segment of a continuous flow of events. Concerns of the previous year are still active. Some of them have been mastered, others continue to require strenuous effort. Slowly, the Hospital is changing its character in response to community needs and reflecting a changing population. Once considered as a place for the cure of the ill in the narrower sense, it is becoming more and more a health center including prevention of illness and rehabilitation of the chronically sick in its scope. Once being considered a general hospital primarily serving the underprivileged, to which was added a small unit for private practice, it now moves in the direction of reaching sick people at all levels of income and providing facilities of the highest quality to all irrespective of economic level or origin. A series of small steps were taken during the last year on this road.

The most striking evidence of new forms of use for the Hospital by the community and by the general practitioner is re-

flected in the Emergency Ward. The population cared for on this service has increased ten-fold during the last fifteen years. There is a rapid increase in the proportion of patients on the medical and surgical wards referred from the Emergency Ward. Its function of diagnosis and care far from being restricted to emergencies in a narrower sense have become more like the activities in the office of a physician with ready access to more complicated diagnostic and therapeutic apparatus if so required. Furthermore, several industrial concerns are making use of this hospital service at time of crises or accidents involving their personnel. These changes have been a great challenge to medical and surgical staff and to the administrative offices to attain a high degree of efficiency and to give the medical and surgical residents an opportunity and a challenge best suited for their particular level of professional growth.

The Rehabilitation Service on the ninth floor of the White Building is dedicated to the re-education by physical therapy and occupational therapy of those patients who have serious disabilities due to accident or disease-engendered handicaps. It is being developed with great care as to administrative structure and optimal service to patients, many of whom consider themselves not so much as patients but rather as pupils who are learning new modes of life. Intervention by the orthopedic surgeon provides the basis for the best possible use of remaining muscles and bones but much of the success of the work depends on the proper motivation and the learning skills of the patient-pupils. The Psychiatric Department in consultation with this Service made use of its resources of psychologists and social scientists in systematic observation of the activities of both the patients and the personnel to track down those difficulties which stood in the way of the most effective division of labor and distribution of roles within the Unit helping to better motivation of the patients and relieving anxiety on the part of the nurses and administrators.

This special service is only one unit in the development of the hospital program in rehabilitation. Much consideration is being given to the rehabilitation of the chronically ill by strengthening the social services and extending psychiatric and social diagnosis to all patients who may have difficulties integrating

in home and community. With respect to the large patient population of the Medical Clinics, there are beginnings of systematically investigating the ethnic and cultural aspects of the excessive dependency on physician and clinic which is a common problem in medical care of these individuals. Much thought is being given in the Pediatric Department to the personality development and motivation of children who have to live and grow in family and neighborhood with diabetes, obesity or deforming illnesses. Finally, there appears on the part of industrial concerns a growing readiness to seek the help of the Hospital in the rehabilitation of the victims of accidents, and of those among their staff whose state of health and effectiveness is impaired by the emotional consequences of crisis situations.

The Family Health Service, a joint enterprise of the Departments of Medicine, Pediatrics, Preventive Medicine and Psychiatry, extends services to families in the neighborhood of the Hospital, thus teaching medical students the orientation to family groups and environmental factors which the Hospital now shares with the general practitioner. At the same time, supported by a grant from the United States Public Health Service, the Mental Health Service of the Psychiatry Department is working with social agencies and with the relocation authorities of the West End in assisting families in their adaptation to the enforced change of their homes. Through these services new insight is gained about family life in a crowded, low-rent area as it contributes to ill health and emotional instability.

All these developments can be considered with satisfaction only on the basis of assurance that the core program of the Hospital is being progressively strengthened. There was a period of real financial trouble at the beginning of the year. All Chiefs of Service agreed on an austerity program to see the Hospital through a period of shortages which, thanks to whole hearted cooperation of all, has now been mastered.

The Nursing Service has seen a most gratifying development from a serious shortage of nurses to a marked increase in resources of nursing personnel. For the first time in many years, all floors of the Hospital are open. The Isolation Service in the White Building is functioning again and the unit for intensive

care of patients in acute danger does not suffer from a shortage of nurses. We are now reaping the fruit of the careful planning by the Nursing Service, of joint committee work with the Nursing administration, and of the systematic program which was developed to strengthen the motivation and work satisfaction of the nurses.

Meanwhile, the facilities for private practice in the Warren Building have been distributed by a joint committee of the General Executive Committee and the Massachusetts General Hospital Associates, giving careful consideration to the contribution which each applicant makes to the services of the Hospital, to the teaching program and to investigative work, also keeping in mind with all this the proper balance of the different services. This new development is providing the ground work for the much strengthened ambulatory program of the Hospital which is anticipated in a careful report by a special committee to unfold in a new Clinics Building for which financial support is being sought at present.

The Committee has continued to review and scrutinize the large number of recommendations for positions on the visiting and resident staff which are presented by the Chiefs of Service. In this way the Committee safeguards uniform standards in all departments and avoids inequalities in remuneration and rank which might lead to morale problems. One important and urgent concern remained: better remuneration for the Resident Staff. In spite of the development of several careful designs for staff organization which would include resident physicians as recipients for Blue Shield benefits no solution has been found for this problem. Small beginnings have been made in providing more returns in terms of professional fees for service to physicians by accepting in certain special clinics patients for semi-private or private care who can afford more than the standard clinic fee for such services. Examples are: The Hand Clinic, the Allergy Clinic to a limited extent, and the Language Clinic.

In spite of these problems, the training program for residents in the various departments was very active indeed. In addition to the new residents, a growing number of Clinical Fellows and Research Fellows, as well as of Fellows enrolled in the graduate program of the Harvard Medical School are taking advan-

tage of the teaching facilities of the Hospital. The teaching in psychiatry has been strengthened by the development of a joint three-year training program which coordinates the resources of the Massachusetts General Hospital Psychiatry Service and the McLean Hospital.

One last item: we now have parking facilities efficiently attended and available at a small expense to the users which eliminates common annoyance for staff, patients and their relatives.

Respectfully submitted,

EDWARD D. CHURCHILL, M.D., *Chairman*
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BENJAMIN CASTLEMAN, M.D.
ERICH LINDEMANN, M.D.
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LAURENCE L. ROBBINS, M.D.
ALFRED H. STANTON, M.D.
HOWARD ULFELDER, M.C.
DEAN A. CLARK, M.D., *Secretary*

Report of the Committee on Research

DURING the year 1957, the Committee on Research again witnessed an increase in research expenditure of more than $400,000 over 1956, to a total sum of a little over $3,000,000. It is interesting to observe that this increased expenditure over last year was almost exactly balanced by an increase in the contributions from the United States Public Health Service.

For the first time, the total contributions from the United States Government, including the United States Public Health Service, the Armed Forces and the Atomic Energy Commission, amounted to more than fifty per cent of the money spent for research. This trend, plus the continuing shrinkage of fluid funds from private sources, has led the Committee to seek capital endowment for research.

A considerable percentage of the Committee's time and thought during the past year has gone into the preparation of a formal statement of the aims and requirements of the Committee on Research. The goal of a $5,000,000 endowment has been suggested by the Scientific Advisory Committee and will become part of the Hospital's 150th Anniversary drive.

The greatly regretted departure of Dr. Fritz Lipmann and the scattering of his able group of biochemical associates took place this year, leaving the fifth floor of the Research Building dark and quiet. The Committee on Research has been active, but unsuccessful to date, in seeking a replacement for Dr. Lipmann.

During the past year, the Department of Medicine was strengthened by the assignment of five young investigators well schooled in both the clinical and biochemical approach to disease. These men head up several of the medical subspecialties. The Department of Medicine is further reinforced this year by the arrival of Dr. William S. Beck to head hematology research, and also by the appointment of Dr. Gordon B. Tompkins to preside over endocrinology research. It is expected that these two

investigators will have a considerable group of clinical associates working with them.

Certainly one of the most important events that took place during 1957 was the vigorous growth of basic research within the Department of Surgery where several of the younger men, while still carrying clinical and teaching responsibilities, are tackling fundamental problems. In the General Surgical Laboratories, for example, Dr. Benjamin A. Barnes (in Dr. Cope's laboratory), in longstanding partnership with Medicine, is extending studies of calcium to magnesium. Dr. Paul S. Russell and Dr. Hermes C. Grillo, after periods of study with Dr. Peter B. Medawar and Dr. Jerome Gross respectively, are tackling the problem of tissue response in transplantation and wound healing in the new Ira T. Nathanson Memorial Laboratory. This joint activity establishes, both by location and by area of research, a connecting link between the Department of Surgery and the Huntington Laboratories and is implemented, in part, by a training grant from the United States Public Health Service.

In the Vincent Research Laboratory, studies in hormone assay techniques are being carried out by Dr. Janet W. McArthur and Dr. George S. Richardson. In the same Laboratory, Dr. Thomas Peebles is lending his experience in tissue culture work toward attempts to grow uterine smooth muscle cells.

During the past eighteen months, Dr. Melvin J. Glimcher, of the Orthopedic Service, has been working under the direction of Professor F. O. Schmitt, of the Massachusetts Institute of Technology, on the molecular mechanism of calcification in biological structures. His preliminary results seem to carry such fundamental implications that the Orthopedic Service wishes to make its major effort in this sphere of research and plans have been made to establish a laboratory adequately staffed and equipped to pursue the investigation of this complex problem.

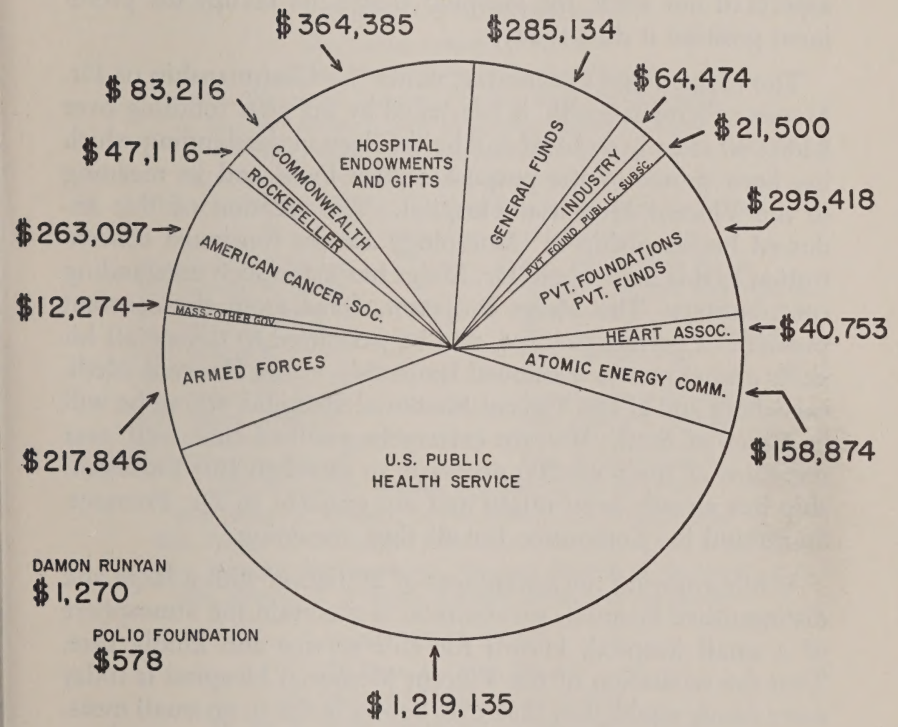
The neurosurgical laboratories have burgeoned in the sunlight of the new Mixter Laboratories. Dr. Adelbert Ames, III, has come from the Biochemistry Department at the Harvard Medical School to study the biochemistry of the nervous system

in general and the electrolyte metabolism of the retina in particular. Dr. H. Thomas Ballantine is working on the application of focused ultrasound to neurosurgical investigation and treatment. Dr. Albert H. Soloway, formerly a research chemist with the Sloane-Kettering Institute and with Eastman Kodak Company, is now engaged in the preparation of new isotopes for the localization and treatment of brain tumors. A review of research in the Surgical Department, as outlined above, was the chief topic in the Agenda of the Scientific Advisory Committee Meeting last year.

In the Anesthesia Laboratory, work has continued to demonstrate that subjective responses (symptoms) can be dealt with quantitatively. The techniques developed here have now been widely utilized and their accuracy widely confirmed. In the past year it has been found possible to express quantitatively the mental clouding produced by drugs. The first quantitative demonstration of synergism (potentiation) of an active pain-relieving agent with a non-analgesic opiate has been shown and, on the practical side, a powerful, analgesic dihydrocodeine has been found which has none of the acute side effects of all other strong pain-relieving agents known; that is, it is without depression of the respiration, nausea or mental clouding in optimal dose.

HENRY K. BEECHER, M.D.
Chairman
Committee on Research
WILLIAM D. SOHIER, JR., M.D.
Executive Secretary
Committee on Research

TOTAL RESEARCH EXPENDITURES-1957 $3,075,070



Report of the Vincent Memorial Hospital

THE close of the fiscal year, September 30, 1957, marked the beginning of the tenth year in our own building at the Massachusetts General Hospital. The Vincent Club again outdid itself in its gift to the Hospital, this year a magnificent $42,000. Without their support and continuing interest in all aspects of our work, the Hospital would not occupy the prominent position it does today. . . .

The Meigs Fund Committee, under the Chairmanship of Dr. Maurice Fremont-Smith, is heartened by the gifts totalling over $200,000 already received and by the deep understanding which has been shown of the purpose of this Fund and its meaning to the Vincent Memorial Hospital. The creation of this endowed Professorship in Gynecology assures continued concentration in this field where Dr. Meigs has made such outstanding contributions. The Meigs Professor, freed from the constant pressure of private practice, will be permitted to devote all his skills and efforts to continued leadership at the Harvard Medical School and at the Vincent Memorial Hospital, where he will be Chief of Staff. We are extremely gratified that well over one-third of the $500,000 necessary to establish this Professorship has already been raised and are grateful to Dr. Fremont-Smith and his Committee for all they are doing.

While enjoying the advantages of affiliation with a large and distinguished hospital, we continue to maintain the atmosphere of a small hospital, known for able service and kindly care. That the reputation of the Vincent Memorial Hospital is today more firmly established than ever before is due in no small measure to its staff, the members of which receive their example from the Chief, Dr. Howard Ulfelder. The Hospital is most fortunate.

CHARLES F. HOVEY, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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Dr. Dean A. Clark, *Director*
Dr. Howard Ulfelder, *Chief of Staff*
Dr. Joe V. Meigs, *Consulting Visiting Gynecologist*

Dr. Richard R. Curtin
Dr. Maurice Fremont-Smith
Dr. Thomas H. Green, Jr.
Dr. Ward I. Gregg
Dr. Francis M. Ingersoll
Dr. Janet W. McArthur
Dr. William V. McDermott, Jr.
Dr. George S. Richardson

Dr. Fred A. Simmons

Miss Mary E. Quinlan, *Asst. Director in Charge of Nursing*
Miss Gertrude Parkhurst, *Supervisor of Nursing*

The Vincent Memorial Hospital

ONCE again it is a pleasure to report a year of steady activity and progress in every department of the Vincent Memorial Hospital. All patient facilities were busier than ever before. There were 881 admissions to Vincent II and 702 admissions to Vincent III and a total of 2,823 women were seen in our out-patient clinic. Approximately 37% of the patients treated on the ward service (Vincent II) were suffering from malignant disease; this high figure indicates the part played by hospitals such as ours in the New England community and reflects the reputation established by the staff in this challenging aspect of medical care. Once again this year staff publications have appeared in a variety of professional journals. Also in collaboration with the Pondville State Hospital the cases of cancer of the cervix and uterus have been collated for inclusion in the next volume of Annual Reports from treatment centers throughout the world.

Gynecological teaching at the undergraduate, graduate and postgraduate levels has been offered to students, hospital staff and visitors from all parts of the world. The postgraduate two weeks' course (Gynecology III) which is presented annually by the Vincent Memorial Hospital Staff was oversubscribed again.

Small but appreciated changes have been made in our physical plant. They include new bathrooms, air-conditioning in the research laboratories, and redecoration of the out-patient clinic and other areas. Much of this necessary housekeeping has been stimulated and supervised by that indefatigable and irreplaceable group, our Board of Managers.

A technique for maintaining life and function for short periods of time in isolated ovaries is under development by Dr. George Richardson. Other new research in the Vincent Laboratory includes a strong start in tissue culture, a tool to be used collaboratively by Dr. Thomas Peebles and Dr. Howard Ulfelder.

The research of Dr. Janet McArthur on pituitary gonadotropic hormones has consolidated into a strong foundation of

solidly established fact. Further investigation is in progress in areas that need better understanding and strengthening. Additional and perhaps more delicate methods of measuring these hormones by their biological effects are under study. An effort to stimulate the full cycle of ovarian function in living animals is imminent.

We particularly anticipate each year the visit of the new provisional members of The Vincent Club to the Hospital and the opportunity to show them something of our work. In this, as in many other matters, the administrative and nursing services are willing helpers and they should know our appreciation.

Elsewhere in these reports you will find mention of the generous financial contributions which have been made to the Hospital, preeminently the magnificent gift of $42,000 from The Vincent Club. Intangible contributions are of equal importance and these The Vincent Club also make. For the interest and support of the Club as a whole and of its individual members, we are eternally grateful.

HOWARD ULFELDER, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers of the Vincent Memorial Hospital

THROUGHOUT the year members of the Board have continued to fulfill our basic responsibility, visiting patients regularly, providing extra comforts and arranging celebrations for Thanksgiving, Christmas and other holidays. In addition, I would like to mention the following highlights:

January — After the meeting of the Board, the original drawing of the bookplate designed by Mrs. Henry A. Morss, Jr., for the Library was presented to Dr. Meigs. . . . The new bathroom-powder room for the patients on Vincent III was completed this month. . . . Mrs. Ryerson, President of the Vincent Club, thanked Mrs. Gray, Mrs. Parker, Miss Rackemann and Miss Quinlan for their many guided tours of the Hospital for the Provisionals.

February — Mrs. Aldrich reported the election of Mr. Charles F. Hovey as Chairman of the Board of Trustees and the election of Mr. Henry W. Minot, Jr., to the Board as Clerk. We welcome Mr. Hovey and Mr. Minot and wish to express our gratitude to Mr. Curtis, our retiring Chairman, and to Mr. Barnes, our retiring Clerk, for their devoted services to the Hospital. We are happy to say that they will remain on the Board of Trustees.

March — Miss Bartol was appointed to represent the Board on the Advisory Committee to the Volunteer Department, a new Standing Committee of the M.G.H. . . . The Decorating Committee is supervising the painting of Vincent II and III. . . . After the meeting, the Board was privileged to hear Dr. Clark speak on his trip to Hungary and see his pictures.

April — At the suggestion of Dr. Ulfelder, the Board decided to turn its attention to the O.P.D. New curtains will be provided and possible further redecorating if needed.

May — 65th Annual Meeting of the Board of Managers, originally known as the Working Committee.

September — On the 18th, a tea was given in the Vincent Club Room for the doctors attending the Postgraduate Course in Gynecology and their wives. This has become an annual event much appreciated by the doctors and enjoyed by the Board.

October — Mrs. Keating, Head Nurse of the O.P.D. Gyn Clinic, reported that the painting, new curtains and window shades were much appreciated by both Staff and patients.

November — Our annual coffee party for the Hospital family was held on the 14th. It was a very gay and happy occasion, with a birthday cake to celebrate our tenth year of occupancy of our own building and our seventeenth year of affiliation with the M.G.H. We were delighted to welcome Dr. Clark and Dr. Faxon, Miss Corkum and Miss Poules to this party. . . . The Decorating Committee started refurbishing an office for Dr. Meigs on the first floor. . . . Tours of the Hospital for the Vincent Club Provisionals were started under the able direction of Miss Rackemann.

December — Mrs. Gray reported the Public Relations Section of the Massachusetst Hospital Association met here last month. The subject under discussion was "Dedications". Mrs. Weiss and Miss Shea reported on that of the Warren Building and its various laboratories. Mrs. Parker, Miss Rackemann and Mrs. Gray reported on the 1947 dedication of the Vincent Memorial Hospital. Mrs. Weiss, Miss Shea and Mrs. Gray acted as co-hostesses and Mrs. Gerould of the Massachusetts Eye and Ear Infirmary poured the coffee. . . . The M.G.H. Scientific Advisory Committee visited the Vincent Laboratory. . . . The Board has made a gift of $25 to the Ladies Committee of the Institute of Contemporary Art to be used for the artwagon, which our patients enjoy so much. Pictures were taken in the Vincent of the artwagon for an article in *Woman's Day.*

During the year members of the Board have attended meetings of the greater Boston Regional Group of Hospital Auxiliaries, the New England Hospital Assembly and the Massachusetts Hospital Association. The privilege of being affiliated with a large hospital carries with it responsibilities. These we have tried to meet by serving on the M.G.H. Coordinating Committee and by participating in plans for hospital events and holiday

celebrations. Such activities are most interesting and keep us in touch with other Boards within the M.G.H. and with other hospital groups in the community.

MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Report of the Department of Pathology

OUR first year in the Warren Building has fulfilled all our expectations. There were, to be sure, a few faults but fortunately most of them were relatively minor and to date nearly all have been readily adjusted. Routine procedures are now carried out much more efficiently, leading to better patient care. The department is beginning to catch up with the backlog of autopsy protocols and other material which had accumulated partly as a result of lack of space and personnel. The cross-index of diseases is the subject of much concern at the moment and is being studied in relation to the disease index maintained in the Record Room.

The Warren Animal Farm physically in our department but serving all the research groups in the Warren Building has become, under Dr. E. B. Taft's direction, as active as was anticipated and is now completely self-supporting. The new research laboratories have so strengthened the department that most of the residents and fellows are already engaged in experimental problems with members of the staff. Funds for research this year amounted to $150,000. At the suggestion of the National Cancer Institute we combined previous small grants with new projects in the cancer and endocrine field to obtain one large grant to support several individuals in the laboratory.

Only a few of the research projects will be mentioned since a complete listing is published in the booklet of the Research Committee. Dr. Agnes Russfield has extended her work to include bioassay of the pituitaries which she is attempting to correlate with histochemical observations. Dr. Cohen is investigating enzyme variations in the adrenal cortices of stressed rats and normal and scorbutic guinea pigs, a study made in association with a histochemical investigation of adrenal cortical hyperplasia and adenomas in man. He is also developing new methods for the histochemical demonstration of oxidative-reductive enzymes. Dr. David Spiro has made considerable progress in his electron microscopic studies of the kidney. By

obtaining needle biopsies from patients with renal disorders he has been able to observe changes in the basement membrane and the epithelial and endothelial cells of the glomerulus that may help in understanding the pathogenesis of glomerular disease. Under an AEC grant Drs. Atkins and Ferrebee have developed a technique for obtaining and storing human bone marrow. It is hoped that bone marrow transfusion combined with total body irradiation may help in the treatment of leukemia and radiation casualties.

Dr. Fairfield Goodale returned to the laboratory after having spent two years in England with Professor George Pickering at the Medical Research Units of St. Mary's Hospital, London and Oxford. He is continuing his studies of the functional examination of the postmortem heart with the help of Mr. Richard Kelley, a Harvard Medical student taking a year out as a "post sophomore" fellow of the U. S. Public Health Service. Dr. Hugh R. Dudley, who finished his pathology residency last year, is now devoting most of his time to bone pathology and acting as a liaison between the laboratory and the orthopedic service. This program, supported in part by a Webster-Underhill fellowship, has already led to teaching exercises for and research problems with the orthopedic staff.

Visitors to the laboratory during the past year included Dr. Purandare, Professor of Pathology at the University of Bombay, India, who spent six months in the laboratory under a Rockefeller fellowship. Dr. M. Barretto, Professor of Pathology at the University of Brazil, spent a year with us, devoting most of his time to liver pathology. Dr. G. B. D. Scott, Reader in Pathology at the Royal Free Hospital Medical School in London, is spending a sabbatical year in the department, working on intravascular clotting with special emphasis on thrombosis of the portal vein in the rabbit.

The Tracy Burr Mallory Library has continued to grow and, with the help of Miss Eleanore Lewis who has volunteered one day a week, the volumes are being catalogued. The room served as an ideal place for the Christmas party which this year was attended by almost 200 people — a reflection of the growth of the department now numbering close to 100.

The teaching of pathology to the second-year students at Harvard Medical School continues to occupy much of the time of many members of the department. Drs. Castleman, Taft, Cohen and Sniffen give approximately 20 per cent of the lectures and most of the staff participate in classroom teaching. The participation of the department in the demonstration and discussion of post mortem examinations with medical students continues as an important and much appreciated contribution. The new autopsy and conference rooms have permitted us to increase our teaching program.

On January 1, 1957, Dr. Priscilla D. Taft, wife of Dr. Edgar Taft, Associate Pathologist, was appointed as Assistant in Pathology and placed in charge of the Cytology Laboratory. She replaced Mrs. Ruth Graham who resigned to go to the Roswell Park Memorial Institute in Buffalo. The first few months were very much occupied by the moving of the laboratory from the Vincent to the Warren Building and the training of several new technicians. By June, however, the laboratory was running smoothly to enable Dr. Taft to attend the Cytology and Clinical Pathology meetings in Brussels, leaving the laboratory in the competent hands of Miss Lena Neri, chief technical assistant.

The Neuropathology Section of the Department has continued to grow in scope and activities and to play an increasingly important part as a center for training in neuropathology as an essential background for positions of leadership and responsibility in neurology, neurosurgery, and pathology. The group in training now regularly consists of four Fellows with one-year appointments specifically in neuropathology, as well as a member each of the Resident Staffs in pathology and neurosurgery who are assigned for shorter periods of time as part of their work in those fields. Of the 1957 group, Dr. Herbert Karp is now in charge of neurology at Emory University in Georgia, Dr. Miriam Carmichael is on the teaching staff in neurology at the Medical College of Virginia in Richmond, and Dr. Robert Kibler, after finishing his work here, will become Chief of Neurology at the University of Pittsburgh Medical School. Fellows recently in training from other countries have included Dr. Gilles Lyon from the Hospice de la Saltpêtrière, Paris, Dr. H. Matsuyama from Japan, a pathologist working with the

Atomic Bomb Casualty Commission. Drs. Elliott Mancall and Henry Webster have stayed on at this Hospital working in close collaboration with us in special projects in neuropathology. Research activities have included work in demyelinative and vascular diseases, the growth behavior of brain tumors, nutritional disorders with particular reference to those brought about by chronic alcoholism and childhood encephalopathies. We have been very fortunate with regard to extending our activities in the last-named field in that we now are able to carry out pathologic examinations in cases from two of the State institutions for mental defectives, the Myles Standish State School in Taunton, and the Wrentham State School.

The statistics of the diagnostic examinations follow:

	1956			*1957*		
	M.G.H.	*Outside*	*Total*	*M.G.H.*	*Outside*	*Total*
Autopsies performed	664	237	901	728	276	1,004
Percentage of cases dying in MGH	68%			65%		
Surgical specimens	8,446	2,638	11,084	9,559	2,952	12,511
Microscopic preparations			69,515			84,550
Cytologic smears examined	6,167	5,141	11,308	5,144	4,998	10,142

BENJAMIN CASTLEMAN, M.D.
Chief
Department of Pathology

Annual Report of the John Collins Warren Laboratories of the Huntington Memorial Hospital of Harvard University

DURING the past year these laboratories have continued to use a variety of approaches to the study of growth and metabolism in normal and neoplastic cells. Thus we have been fortunate in adding to our group Drs. Russell and Grillo, both past chief residents in surgery at this Hospital. It is fitting that this restoration of surgical collaboration was made possible by the Ira Nathanson Memorial Fund, which partly defrayed the cost of converting an old storeroom into a laboratory. In the few months since this new laboratory was completed Dr. Russell, with the help of Dr. Sparrow, former associate of Professor Medawar in London, has begun work on tissue transplantation, and Dr. Grillo has continued his study of wound healing.

This year also the able group of biochemists interested in proteins and nucleic acids, Drs. Hoagland, Hecht, Stephenson, and Scott, have discovered the importance of a particular small fraction of the cellular ribonucleic acid in the formation of both these macromolecules, and have already made considerable progress in defining the related synthetic reactions, both in liver and ascites tumor cells. This is a major breakthrough in an area of biochemistry which is now highly competitive and in which our laboratory continues among the leaders. The present combined team includes investigators originally interested in either proteins or nucleic acids, just as the syntheses of both these macromolecules seem intertwined in some as yet elusive fashion. To attack this problem from another angle, Dr. Loftfield plans to synthesize several compounds in which an amino acid is bound to the phosphate of a nucleotide, while he continues his work on ferritin synthesis; and Drs. Keller and Spector intend

to test the possible role of compounds in which amino acid is bound to another part of the nucleotide.

A pioneer in elucidating the steps in the formation of cholesterol by liver cells, Dr. Bucher has now focused upon the mechanisms controlling this important but complicated synthesis. She has evidence that such control is exerted on one or more of the early reactions involving small two- and six-carbon precursors of the cholesterol molecule. In Dr. Bucher's laboratory Dr. Loud has completed his studies clarifying the relationship of the linear molecule squalene to the heterocyclic molecule cholesterol; and Dr. Albert has continued to investigate the morphologic and biochemical effects of irradiation on the liver, following her demonstration of the strikingly persistent though latent injury by irradiation to that organ. In the adjacent laboratory, Dr. Gardella has continued his studies on the metabolism of deoxyribonucleic acid following irradiations of ascites tumor cells.

Work in the hormone unit under Dr. Engel again emphasizes the biochemical approach which has gradually become prominent in these laboratories. Dr. Baggett has extended his studies on steroid biogenesis with two "firsts": the demonstration that human placenta, as well as several other tissues he has studied recently, can convert testosterone to estradiol and estrone, and the demonstration that a testicular choriocarcinoma secretes hydrocortisone — other than adrenal cortex the first tissue known to form this important steroid. Drs. Munck, Scott and Engel continue to collaborate in studying the intriguing molecular interactions between purine nucleotides and steroid hormones. A major unsolved problem in biochemistry is the mechanism of action of such hormones, and novel experiments such as these may well provide a clue.

As previously, the red blood cells interest several of our investigators. Dr. Sohier has already documented the frequent occurrence of red blood cell destruction in patients with widespread malignancy; and with Dr. Bertles of the Hospital Immunology Unit he is now trying to define the abnormality which shortens the life of these cells. Besides giving insight into the pathogenesis of hemolytic anemias, he hopes to develop, for detecting these abnormal red cells, test tube methods more simple and rapid than the currently available techniques. Dr.

Freymann has studied a similar anemia occurring with malignant lymphatic tumors, and he now feels that therapy with adrenal cortical hormones, when indicated, should be continuous rather than sporadic. In this way the hormone helps to correct inadequate blood production, as well as decreasing hemolysis, both of which processes occur with these malignant diseases. Dr. Smith, who joined our group after a chief residency in medicine in this Hospital, is interested in the metabolism of pyrimidine bases of various blood cells, especially in the leukemias. He has already defined several early reactions in the formation of these compounds by such cells, and has synthesized a new compound, 1-carbamyl-cysteic acid, which inhibits pyrimidine synthesis. This compound will be tested for anti-tumor activity.

These studies have the dual attraction of contributing to our basic knowledge of blood cells and helping us to understand and treat the changes in these cells which occur in malignant disease. In addition to their research interests, Drs. Baker, Sohier, Freymann and Martz comprise our clinical team which advises the Hospital Staff on the treatment of patients with malignant disease and which carries out our program of evaluating new anti-tumor drugs. They also serve to remind and stimulate us in their role as vital liaison between the patient and our biochemical units.

During this past year several of our investigators have crossed the Atlantic for a year of study elsewhere: Dr. Hoagland to Cambridge, Dr. Scott to Stockholm, Dr. Littlefield to Cambridge, and now Dr. Bucher to London and then to Berkeley, California. In turn, we have attracted from abroad: Dr. Leslie Smith from Cambridge; Dr. C. B. Cameron from New Zealand; Dr. Pierre Maurice from Switzerland; and Dr. Elizabeth Sparrow from London. All this traveling seems quite healthy to us, and we expect to benefit from new techniques and ideas.

In conclusion we wish to acknowledge once more our indebtedness to the Harvard Medical School and to the Hospital for providing the tools and environment for a vigorous attack on the cancer problem; and to express the hope that our efforts may justify their continued faith.

PAUL C. ZAMECNIK, M.D.
Director

Report of the Coordinating Committee

THE reports of the member groups of the Coordinating Committee appear below for The Ladies' Visiting Committee of the Massachusetts General Hospital, the M.G.H. Staff Wives Association and the Distaff Club. Elsewhere in the Annual Report will be found the reports of the Advisory Council to the School of Nursing and of the Board of Managers of the Vincent Memorial Hospital, also member groups of the Coordinating Committee.

MRS. FLOYD H. BLACKMAN, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE LADIES' VISITING COMMITTEE:

The 88th year of the Ladies' Visiting Committee has ended, leaving pleasant remembrances of meetings well attended; of devoted, dependable Active Members; of interested, helpful Associate Members; and of an Executive Committee whose mature judgment and deep and zestful sense of responsibility were continuously concerned with the activities of the Committee.

It was a year of stocktaking — what are we trying to do? — how adequately or inadequately are we doing it? — could any of our tasks be done better by some other group?

A member of this Committee made a very comprehensive report of the television situation in the Hospital; another member made a masterful survey of our Christmas activities; and a thoughtful study of the flower and plant needs in the Hospital was undertaken. All three reports will be considered in 1958.

The most conspicuous progress in 1957 was the acceptance, in September, of a new design for the General Store which will give a more enticing appearance and permit better use of the allotted space, both in storage and in display.

The increasing interest in Baker Hospitality has been very heartening and we were able to meet all but two of the approved requests for financial and material aid. Several appealing avenues of service had to be denied because this Committee is unable to accept any responsibilities that take our members outside the Hospital proper except for attendance at meetings,

but members, as individuals, are glad to help wherever they are able.

Since the beginning of the General Store in 1942, its operation has been directed by Mrs. Francis C. Gray and Mrs. Gardiner H. Fiske, and though figures are sometimes considered uninteresting, it takes little imagination to read between the lines the magnitude of time and effort contributed by these two members.

The financial report of the General Store, which is operated by the Ladies' Visiting Committee for the benefit of the Hospital, is not given elsewhere in this Annual Report. As a matter of record, the figures for 1957 follow:

Balance on hand, December 28, 1956		$ 5,850.78
Cash receipts		48,390.80
Total		$54,241.58
Expenses:		
Salaries	$ 6,515.48	
Stock Purchased	35,690.52	
Utilities Charge	163.82	
Miscellaneous	112.02	
Total Expenses		42,481.84
		$11,759.74
Paid to Ladies' Visiting Committee	$4,000.00	
Paid to MGH Staff Wives Association	350.00	
Paid to Distaff Club	150.00	
Expenses of Baker Hostess Service (Dietary Dept.)	197.36	
Total Paid Out from Earnings		4,697.36
Balance on hand December 30, 1957		$ 7,062.38
SUMMARY		
Receipts	$48,390.80	
Expenses	42,481.84	
Cash Gain	$ 5,908.96	
Decrease in inventory	471.00	
Gain for the year	$ 5,437.96	
Value of inventory December 30, 1957		$ 3,274.00

To be knowledgeable and enthusiastically articulate about the Hospital is a duty of all members of this Committee. The *News,* the *World,* the excellent minutes of the meetings of the Coordinating Committee, and the monthly minutes of the Volunteer Advisory Committee have been valuable sources of information.

What are our special problems in 1958? The list includes how best to find the patients who wish to be visited and the members to visit them, to increase the schedule of the Traveling Store, to cope more satisfactorily with the unpredictable and melancholy fading of flowers in the Chapel, to increase the profits of the General Store (the income is disbursed for the benefit of the Hospital), and to staff Baker Hospitality in July and August.

If richly deserved encomiums were customary in the Chairman's Annual Report, it would take pages and pages and pages!

MRS. CHARLES B. BURBANK, CHAIRMAN, PRESENTS THE FOLLOWING REPORT OF THE MGH STAFF WIVES ASSOCIATION:

The following account covers the activities of the Staff Wives Association, its committee and projects.

Music Committee: This committee of seven members had a most fruitful year in comparison with the previous year when concerts were cancelled almost completely because of construction in the Chapel area. Fourteen concerts were held in the Chapel between October 1, 1956 and June 1, 1957. Average attendance was from fifty to sixty; about two-thirds patients and the other third interested hospital personnel. Performers at the concerts were generous outsiders as well as talented employees of the M.G.H. including the Nurses Glee Club and a professional pianist, wife of one of the foreign doctors. The Music Committee held meetings with the Supervisory Nursing Staff and Community Relations Department carefully planning their committee work.

On two occasions music was taken into the Children's Wards and to the Orthopedic Wards since those two groups of patients are unable to get to the Chapel. The patients from the Eye and Ear Infirmary were invited to attend with the understanding that their auxiliary help would assume responsibility for transporting patients to the Chapel. We are in constant

need of such help for M.G.H. patients. We have been pleased and flattered to have inquiries and visitors from the Ladies' Committees of other hospitals.

Publicity Committee: The group of Staff Wives with Reception Center experience compiled material for a four page pamphlet to be sent to foreign professional visitors before they leave their home countries. This pamphlet is available for all department heads and their secretaries. It covers briefly facts about the M.G.H., Boston climate, finances, resources for children, and hopefully will better prepare the visitors for their stay in the community. The Publicity Committee also announced and reported on Staff Wives Association activities and functions in the M.G.H. *News* and *World.*

Tea Committee: Two teas and a morning coffee were held at the M.G.H. to honor the foreign professional visitors, their wives, staff and staff wives. As many as two hundred guests attended but the average attendance was one hundred. The Tea Committee also arranged a morning coffee which preceded the annual meeting on May 8, 1957.

Flower Committee: Flowers were supplied and arranged by this committee for the two teas, the morning coffee, the annual meeting and for Ether Day. This committee stands ready to provide floral arrangements for special occasions or functions held within the Hospital.

Reception Center: Between October, 1956, and October, 1957 (the second year of operation of the Reception Center), one hundred and three men and thirty-six women registered. Of this number of registrants, fifty were accompanied by their families. A small number were short contacts, that is, visitors who would be around the hospital for one day a week. The majority of these new visitors were on one to two year assignments and they represented fifty-six countries. Almost every department and laboratory in the Hospital was host to a visitor or student from a foreign country. In addition to the foreign visitors, at least a dozen American visitors registered and made inquiries at the Center.

Some seven hundred actual services of varying degree were

rendered; in addition, approximately twenty simple inquiries are directed each day to the Reception Center volunteers.

The Reception Center is headquarters for all Staff Wives Association activities and through it, therefore, many projects are pursued.

There is still a great need for additional volunteer help at the Reception Center. Emergencies frequently leave the desk uncovered and the summer schedule is difficult to meet because of vacations. During the year, October, 1956, to October, 1957, 2,351 volunteer hours were given at the Reception Center.

Housing Committee: Over one hundred requests were made for help in obtaining suitable housing; about forty per cent for single rooms, the remainder for apartments, furnished or unfurnished, with an occasional request for a house. Advance requests for accommodations result in sizeable correspondence for the Housing Committee. Hotel accommodations sometimes are arranged until the visitor is available to search for suitable housing. Listings are kept of real estate firms and landlords, as well as apartments and rooms.

Furniture Committee: Twenty-one foreign professional visitors and their families were helped by the loan of household furnishings from the Furniture Exchange. In March, 1957, the Furniture Exchange was moved from a member's home in Newton to McLean Hospital in Waverley. The Administrative Staff of that Hospital was cordial and generous in donating unused basement storage space to the Staff Wives Association for furniture. At that time a most successful drive for furniture was effected by the Staff Wives of Belmont. A generous additional contribution was made by the Maintenance Department of the M.G.H. after replacing some furniture in the nurses' homes. Contributions of furniture continue to be made from interested outside individuals and again the M.G.H. Administration has cooperated by supplying trucking facilities to pick up the donations. To both Hospitals go warm thanks from the Staff Wives Association for providing these services and for demonstrating such fine interdepartmental relationships.

Special Projects: Three Staff Wives sat on a Committee headed by the Ladies' Visiting Committee in arranging for the

Christmas Party for the Children's Ward. Two Staff Wives represented the Association on the Committee for Hospital Day on May 15, 1957; the theme was "Careers That Count". Ten other Staff Wives assisted with conducting tours of the M.G.H. on that day. Three members of the Staff Wives Association acted as hostesses on Ether Day at the annual service pin presentation and the tea that followed. Four Staff Wives volunteered as guides at the opening of the Warren Building on December 4, 1956. Eight members of the Staff Wives Association were on a committee with Distaff Club members in planning the M.G.H. Spring Dance given at the Parker House Roof on May 17, 1957.

A group of seven Staff Wives, whose husbands are in the Child Psychiatry Department, continued their project established the previous year to help Child Psychiatry with Christmas decorations and the purchase and selection of toys for play therapy.

Seven Staff Wives are volunteering through the Volunteer Department of the M.G.H. to work in different clinics or wards of the M.G.H. These assignments are not related to any Staff Wives Association projects.

In addition to the Staff Wives entertainment and Hospital entertainment of foreign professional visitors within the institution, all of the visitors who were interested in being included in family holiday parties were entertained by volunteers from the Staff Wives Association.

Dr. and Mrs. Bradford Cannon repeated their annual picnic given at their Lincoln home for House Staff and foreign visitors. They reported that the 1957 picnic was the best organized and best attended with approximately ninety-five adults and fifty-five children present. Members of the Lincoln, Concord, Lexington Community Group shared in the planning of this picnic.

Community Chairmen: The Staff Wives Association is divided into twelve communities or combinations of communities. At least one meeting a year is held within the community thus allowing a house bound member easier access to hearing about the Association's activities. Some of these community meetings were strictly Staff Wives Association Business Meetings. At

others there were guest speakers and at still others, the guests of honor were wives of the professional visitors.

Two communities adopted special projects this year. The Belmont Group sponsored and conducted a furniture drive that added to the depleted supply now stored at McLean. As previously mentioned, the Lincoln, Concord, Lexington Group shared in the plans for the annual picnic of Dr. and Mrs. Bradford Cannon.

Meetings: Staff Wives Association was represented at the American Hospital Association Annual Meeting in Atlantic City, September 29 to October 3, 1957; they were also represented at the Massachusetts Hospital Association Meeting, New England Hospital Assembly and the Greater Boston Auxiliary Section Meetings of M.H.A. Two members represent the Association on the Coordinating Committee which meets three times a year. The Staff Wives are also represented on the Trustees Advisory Committee to the Volunteer Department, a new committee appointed within the past year.

Finances: Dues continue to be $3 per annum and are voluntary. Staff Wives Association has received generous contributions above and beyond the dues. During this fiscal year the Treasurer set up a budget to include and meet the expenses of each committee. This is an experiment since the Association has never operated on a budget prior to this time. It is expected to be a flexible arrangement that will accommodate changes and growth of the committees over the years.

Staff Wives Association is proud of its existing projects and the services given both to the Hospital and to foreign professional visitors. However, it does recognize, as it has in the past, that the existing projects do not appeal to the entire membership. It is generally recognized by the members that an organization such as this is not as productive as a more inclusive voluntary hospital auxiliary such as exists in other hospitals. The Reception Center has attracted several volunteers who have no hospital affiliation and it is felt that this is a small sample of the kind of interest that lies in the community and that might be developed to better advantage for the M.G.H. The percentage of active members of Staff Wives Association who support

the organization and its projects with service, time and money is comparatively small. It is felt that this is due to the fact that the projects sponsored are limited in number and therefore in appeal.

Particular thanks go to the Volunteer Department for their interest, cooperation, and all the help that they have given the Staff Wives Association especially at the Reception Center.

MRS. WILLIAM L. MORGAN, PRESIDENT, PRESENTS THE FOLLOWING REPORT FOR THE DISTAFF CLUB:

As in past years, the activities of the Distaff Club were primarily planned to provide entertainment for the members. Monthly meetings gave wives of the House Staff and Research Fellows and the women doctors on the House Staff the opportunity to get to know each other and to become acquainted with the Hospital.

A festive event was the Spring Dance held in May at the Parker House Roof. This dance is now an annual Club event to which all the MGH professional staff is invited. The Staff Wives strongly supported Distaff in preparing for the dance. Of the 1,400 dance invitations sent out, only 150 were sold, therefore, Distaff did assume a financial loss on the dance and plans are being made this year to limit the invitation list to those units of the Hospital most interested in participating.

Many activities were planned for the enjoyment of Club members. In April, a tour of the Far Eastern section of the Fine Arts Museum under the direction of Miss Alice Maginnis, lecturer, was enjoyable. In June, members and their families met near a private pond in Concord to picnic and swim. On July 25, the Hospital invited the incoming House Staff and their wives to a welcome tea in the lobby of the Warren Building. It is felt that this tea increased the response to Club activities in the following months. Dr. Dean A. Clark helped to welcome our incoming wives at the September Penthouse meeting where he gave an informal talk on the MGH preceded by a Hospital tour conducted by Mrs. Soma Weiss.

The officers of the Distaff Club regularly attended meetings of the Coordinating Committee of the Hospital, and in December wrapped the gifts for the children's Christmas party.

By September, 1957, thirteen pairs of gayly printed curtains had been made for the windows of the Children's Medical Clinic by Distaff wives. Another similar project is now being planned. As new members were welcomed into the Club, they received the first issue of *The Distaff News.* This paper will be published three times during the club year. Funds to cover mailing and other expenses come from annual dues of one dollar and from the proceeds of bake sales conducted in the Hospital.

Officers for the period extending from July, 1957, to July, 1958, are as follows: President, Mrs. William L. Morgan; Vice-President, Mrs. Robert S. Harper; Secretary, Mrs. John W. Grover; and Treasurer, Mrs. William E. Karnes.

Report of the Advisory Council of The Massachusetts General Hospital School of Nursing

THE Advisory Council of the Massachusetts General Hospital School of Nursing held nine meetings from October, 1956, through September 30, 1957.

In October Miss Mary E. MacDonald, Associate Professor of Nursing Education at the University of Massachusetts and Chairman of the Study Group of the Report submitted by the Legislative Research Council relative to The Practice of Nursing in the Commonwealth, gave a resume of the study.

In November Mrs. Lloyd Brace summarized the Requirements and Recommendations for Approved Schools of Nursing. At this meeting the resignation of Mrs. Paul Jones from the Council was accepted with regret. Mrs. Jones had been a member of the Advisory Committee and Council since 1920.

The National League for Nursing has published tentative criteria for the evluation of schools of nursing, both for the diploma and degree programs. In December Miss Jessie Stewart, Assistant Director of the School of Nursing, discussed these criteria in terms of the MGH three-year School, and in January Miss Sylvia Perkins, Assistant Director of the School of Nursing, discussed the criteria for evaluation as they concerned the Radcliffe College-Massachusetts General Hospital School of Nursing Coordinated Program. Miss Mary Gilmore, MGH Alumnae Association member of the Council, and member of the faculty at the University of Massachusetts School of Nursing, told of the program at the University, speaking of it as a typical college and university program, requiring four calendar years plus six weeks.

In February Miss Mildred Montag, Director of the Cooperative Research Project in Junior and Community College Education for Nursing at Teachers College, Columbia University, gave a progress report on this project. Miss Montag had form-

erly spoken to the Council in November, 1953, concerning the objectives of this Research Project.

The Annual Meeting of the Advisory Council was held on March 26, 1957. Mrs. W. K. Jordan, Chairman of the Nominating Committee, presented the following names for election to the Advisory Council: Miss Alice F. Casey, for a one-year term, and Miss Sigrid Edge and Mrs. Penelope Karr Hope for terms of five years. It was voted to accept these nominations.

Miss Ethel Brooks, MGH Alumnae Association representative, has just completed a three-year term. Miss Mary Sullivan, Director of the Boston Visiting Nurse Association, has completed a five-year term. The Council is deeply grateful to them for their very real contributions of time and effort in behalf of the School.

Three members of the MGH faculty have recently attended the Conference on Junior and Community Colleges, held at Ogden, Utah. Miss Jessie Stewart, Assistant Director of the School, Miss Natalie Petzold, Instructor of Nursing Arts, and Miss Rosamond Peloquin, Instructor of Surgical Nursing, spoke on the special meetings each had attended.

Miss Helen Sherwin, Supervisor of Instruction in Science, reported on her visit to the Orange County Community College. These reports were particularly interesting to the Council, following as they did the evaluation of the diploma and degree programs by Miss Stewart and Miss Perkins, and Miss Montag's discussion of the Research Project for Junior and Community Colleges.

At the meeting of the Advisory Council on April 22, 1957, it was voted to make three changes in the By-laws.

1. To change the date of the Annual Meeting from March to May.
2. To permit a member of the Advisory Council who has served one term to be elected to an additional term without the lapse of a year.
3. Newly-elected members shall take office at the September meeting.

Miss Sleeper reported on the Mandatory Bill for Licensing Nursing, House Bill #1047, and the Senate Bill #441 which proposes to combine the Board of Registration in Nursing and the Approving Authority.

Miss Sleeper also reported on proposed changes in the School of Nursing curriculum in which the class entering in March will be omitted, the preclinical period as such will be abolished, and the whole first year given to basic preparation for nursing. The internship in the third year will be increased from eight to twelve months.

Two student nurses, Miss Virginia Brayton, President of the MGH Student Nurses' Cooperative Association, and Miss Jane Wright, senior representative to the Massachusetts State Council of Student Nurses, reported on their activities at the National League for Nursing Convention in Chicago in May.

Miss Jean Cushman, Clinical Instructor, told of the intensive discussions at the Council of Member Agencies for the Diploma and Associate Degree Schools of Nursing which took place just following the National League for Nursing Convention. There is great concern over too rapid development of shortened programs for three-year schools.

A regional school of nursing is being planned for the Greater Boston area. Miss Jessie Stewart, Assistant Director of the MGH School of Nursing, is Chairman of the Study Committee for this project which is being proposed by the United Community Services' Nursing Council. Miss Stewart presented an outline of the plan to the Advisory Council and great interest was expressed by all the members present.

The September meetings are always the most interesting of the year, as Miss Sleeper reports on the entering class, and various activities of the Hospital during the summer months. Seventy-seven members of the Class of 1957 are returning to work at the Hospital, a very welcome addition to the nursing staff.

All of the reports given to the Advisory Council of the School of Nursing this past year have been interesting, informative and stimulating, and I wish to thank each and every member of the Faculty and the Council who has contributed to our agenda.

Respectfully submitted,
HELEN R. BRACE
Chairman

Massachusetts General Hospital

Nursing Department

	1957
Average No. of Graduates on General Hospital Staff and Clinics	190
Average No. of Graduates on School of Nursing Staff	44
Average No. of Graduates on Baker Memorial Staff	60
Average No. of Graduates on Phillips House Staff	62
Average No. of Accepted Pupils	267
Average No. of Preclinical Students	74
Average Total	697
Total No. Preclinical Students Admitted (includes 8 Degree)	186
Preclinical Students Dropped & Resigned (includes 5 Degree)	14
Students Graduated (includes 4 Degree)	115
Accepted Pupils Dropped & Resigned	18
Total Dropped and Resigned (includes 5 Degree)	32
Students Readmitted	2
Average No. of Graduates on General Hospital Staff—*Part Time	17
Average No. of Graduates on Baker Memorial Staff—*Part Time	5
Average No. of Graduates on Phillips House Staff—*Part Time	11
Total *Part Time Graduates	33

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING
OCTOBER 1, 1957

Graduate Nurses, General Hospital and Clinics	289
Graduate Nurses, Baker Memorial	75
Graduate Nurses, Phillips House	70
Total	434
STUDENT NURSES:	
Accepted students	252
Preclinical students three year program	136
Preclinical students Coordinated Program with Radcliffe College	16
Affiliating students from other schools	67
Total	471
TOTAL GRADUATE AND STUDENT NURSES	905
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL	
Baker Memorial	
MGH accepted students	32
Incoming affiliating students	5
Boston Lying-in Hospital	30
Massachusetts Eye & Ear Infirmary	11
McLean Hospital	24
Public Health	0
NUMBER OF STUDENTS AFFILIATED IN 1957 FROM:	
Simmons College School of Nursing	26
McLean Hospital School of Nursing	16
Henry Bishop III Memorial (Pediatrics)	22
Leominster Hospital (Pediatrics)	11
New England Baptist (Clinics)	52

*Part time nurses expressed in equivalent of full time.

The Nursing Department

The Nursing Service

FOR the first time in many years the report of the Nursing Service shows progress which can be recorded statistically. All available beds in the Hospital are now open, and, so far as nursing personnel are concerned, reasonably well staffed and more stable. There are more graduate staff nurses employed. The increase in permanent evening and night nurses has brought stability and maturity of service never before achieved except in the private services.

The Baker Memorial Nursing Service Pressure from all units to secure practical nurses brought reconsideration of their functions. A representative committee, including practical nurses, reviewed and refined the list of functions. Practical nurses throughout the Hospital were screened as to ability, interest in, and readiness to give medications. Staff Education taught the necessary refresher course. Now at the Baker Memorial every floor has one licensed practical nurse who can give medications, and so help to reduce interruption in the care given by staff and student nurses. Their increased morale gives promise of stimulating an increase in the number of licensed practical nurses who may come to work with us throughout the Hospital.

Thirty-one practical nurse students have come from the Household Nursing Association for bedside training in the care of the adult and child. Instructors have worked closely on a new program with the Boston Trade High School for Girls which will send student practical nurses to the Baker in 1958.

Bulfinch Nursing Service A new plan in supervision has been tested. The Nursing Service administrative staff has worked to develop increased authority and responsibility in the head nurse. The supervisor, then freed, has time to work with the younger head nurses, to share more in the in-service education program, and work more closely with evening and night

supervisors. She also carries some special area of over-all activity for the Hospital or Nursing as a whole. The day supervisor remaining in Bulfinch has assumed leadership in disaster nursing. A second supervisor, now released from Bulfinch, was transferred in the spring to become coordinator for the more effective devlopment of the team plan in all nursing units.

For more than 50 years the MGH has maintained intensive care units. Those in the Hospital interested in such units would do well to study the remaining ward, B3, to see the amount of nursing care needed each 24 hours per patient (an average of 8-10 hours), the demands upon the nursing staff, the special training in the use of new and complicated treatments, the responsibility, stimulating but exhausting, carried by the nurses, the psychological support which such a nursing staff should have from the medical staff, and the need for constant attendance of a medical resident.

After the Nursing Methods Analyst had experimented with the Laundry Management to develop a standardized system for laundry supplies, the Bulfinch Building began to test the system. Now, the Laundry is increasingly assuming full responsibility for maintenance of linen supplies on all wards.

The Clinics During continuing reorganization The Clinics' Nursing Service has fulfilled its usual responsibility, studied ways and means to improve nursing service or adapt it to changing medical plans, and stretched, where needed, to meet increasingly larger numbers of patients, or to take on additional responsibilities in clinics without assigned nursing personnel.

Selected nurses have participated in the Boston University study of the functions of the nurse in the out-patient clinic.

Operating Rooms In conformity with the recommendations of the Hospital's Committee on the Operating Rooms, the number of men aides has been allowed to remain low, and the functions carried by the circulating personnel gradually taken increasingly by the staff nurses, of which there is now a reasonably adequate number.

Much time has been spent by the Assistant Director of Nurses and the supervisory staff aiding with the study of an enlarged and improved Recovery Room for the White Operating Room.

Phillips House In January the demand for private service beds became too acute to be managed without additional space. With the help of loyal private duty nurses, who temporarily joined the Nursing Staff, 16 beds were opened on Baker 9 as a supplementary Phillips House unit. A daily average of 98 patients, with a maximum of 124, sets a new record in private patient care. The readiness of the private duty nurses to help in a Hospital emergency serves only to reinforce the loyalty and helpfulness of these nurses.

Vincent Burnham The recreation program for children has now become a reality. Its value is reflected in the happiness of the child, the reduction of bumps, falls, and loneliness, and the growth in understanding of nursing personnel and student nurses assigned to pediatrics. The fact that the Assistant Director of Nurses and the supervisor in this unit are responsible for administration of the program means a sound integration of medical and recreational therapy for every child according to his illness. The initiation of a community program for meals for children contributes further to the normalcy of the child's day in the Hospital.

White Building Always since the first plans were made for the White Building it had been the hope of the Nursing Service to have a central admitting unit for the General Hospital. Rooms, provided in 1939, which could not be staffed during the war years, had been put to other use. Sent by the Hospital for a course in management at Massachusetts Institute of Technology this spring, a supervisor returned with a plan worked out by her project group, complete with moving pictures of current and proposed time-saving methods. The new plan was put into effect in March. In the seven remaining months of this fiscal year this service, now tucked into the North Wing of White 12, has admitted 1,400 patients.

Stability of head nurses and supervisors in the White Building led the Assistant Director of Nurses and her staff to believe more beds might be opened during the spring. White 12, closed since the polio epidemic of 1955 as then inadequate, was opened in April, and White 8, closed since 1943, in May.

The factors which made the addition of over 50 more beds

available of themselves make a noteworthy report, too long to recount here. Morale of the nursing staff, loyalty to the Hospital, understanding of the needs of patients for care, and finally the culmination of the efforts of Nursing Service to integrate the nursing service in every building to the point where the problems of one group of nurses become the problems of every other group. No additional nurses or other personnel were available. Every unit contributed help. Special recognition should be given to the nursing leadership in the White Building, the support given by Hospital Administration, by Pharmacy, Dietary and Housekeeping Departments, whose members responded immediately to help and supplement the Nursing Service.

During the year the Assistant Director of Nurses, the supervisor and head nurse on White 9 were sent for special observations in rehabilitation nursing. Special classes have been set up for nursing personnel on White 9. As this floor is remodeled the nursing service will be joined by other therapists without whom true rehabilitation is impossible.

Through the efforts and study of the Pharmacy a new plan for stocking and replenishing ward medicine closets was tried out in the Emergency Ward. This plan assures the provision of necessary medications, reduces the stock previously kept on the ward, eliminates waste, and saves the time of nurses otherwise needed to check stocks and order replacements. Two floors in the Baker Memorial have now also been included in this plan.

The contribution of the evening and night supervisors should not be omitted from such a report. This year the senior evening supervisor has worked with the Hospital Volunteer Service to develop a special in-service program for the evening volunteer group. The values of such a plan are already evident in relationships, and in the earnest application of these important helpers to their assigned tasks.

Staff Education continues to broaden its programs: 411 personnel were oriented during the year; a three-day workshop was organized in team nursing for all employed personnel and senior student nurses; a revised head nurse development program has been given twice during the year; a program for supervisors has been continued; a refresher course for graduate

nurses was given in the spring; the aid training program was continued; a unit on mass casualty care was planned, and will be implemented at the beginning of the new year. Included here should be special mention of the assistance which has been received from the Department of Psychiatry. Doctor George Saslow and Doctor J. D. Matarazzo have given invaluable assistance in these programs for all groups.

The Coordinator of Patient Teaching and Referral Plan reports the revision of the referral manual for use by head nurses and others, and some increase in both quantity and quality of patient referrals to community agencies. Ten pamphlets to be used with patients and their families have either been revised or developed in cooperation with medical and nursing staffs.

The Coordinator for Team Nursing is actually a facilitator for the better utilization of all ward personnel. This function she has demonstrated to the end that practical nurses, aides, as well as student professional and practical nurses, are learning how best to integrate their activities to the end that the patient may have the best possible care, and the medical staff the best possible support.

As the year closes the present Nursing Methods Analyst is resigning. Working with other departments, seeking ideas from everyone, this nurse has eradicated many irritations, and has given much positive assistance by changes in forms, routine procedures, and introduction of new equipment. Such a nurse who can be free to work with the Committee to Study Nursing Practices has great value, and should be replaced as early as possible in the new year.

The year began with 181 staff nurses. It ends with 260. The new fiscal year promises the best graduate nurse staffing the MGH as a whole has ever had. It also promises a larger patient census. That Nursing Service has been able to employ nurses more easily this fall, and retain a larger number of those previously employed, is due in large measure to the new salary schedule made effective by the Trustees on September first. It is also due to the foresight of the Hospital Administration which helped us to establish the scholarship program in 1956 and initiate a program in Nursing Service which attracts, teaches, and holds a loyal, well prepared staff.

The School of Nursing

The changes in the School of Nursing have been many this year. On October 1, 1956, the total enrollment was 400. On October 1, 1957, there were 471 student nurses in the School. For some time recruitment for a spring class has been less and less fruitful. After considerable study, it was decided to discontinue spring admissions after March, 1957, and to concentrate all efforts on the plan for a single large class to be admitted in September.

As the September class was admitted to a revised curriculum, the teaching staff was faced with the need this fall to provide for 36 March first year students, 136 September students on the revised program, and 33 McLean School of Nursing affiliated students who did not fit into either of the foregoing plans. The demands upon teaching staff, class rooms, library and dormitories are evident, and this need for several programs will continue at different levels in the School until 1960 when the last March class will be graduated.

The new program is planned to provide for smaller groups in class rooms, ward and clinic; to increase the integration of the fundamental sciences with the teaching and learning of patient care; to reduce the extreme demands upon the student nurse during the first six months; and in the over-all to prepare the student nurse somewhat more realistically for her future work. There will be better planned rotation throughout the experience; more emphasis upon the care of the aged and chronically ill; a lessened demand upon first year student nurses for patient care services; and a full year educational internship during which the student will carry increasing responsibility for patient care at all periods of the day.

Thus far, even with the three different groups to be taught, no instructional staff has been added. We were, however, fortunate in having return to us Miss Katherine Hardeman, the supervisor of instruction loaned to the University of Karachi in Pakistan for the years 1956-57.

Because of the amount of time necessary to plan the over-all, and work out the details of the program, the load required of instructors has been exceedingly heavy. A three day workshop

on curriculum planning held in July gave obvious impetus to curriculum planning. An in-service education course on guidance to be given this fall by Doctor Dana Farnsworth will give further help. The opportunity for nursing instructors to share in the science courses during the early weeks, and the opportunity for the science instructors and nursing instructors to move on to the wards after the first quarter will improve the teaching program and provide better utilization of our teaching time.

There is always the problem of class and conference rooms. As our program improves in both quality and quantity these problems multiply. A school of 471 students now is struggling to fit its classes into 3 class rooms, 3 nursing laboratories, 2 science laboratories and 1 conference room. For all other rooms we must either compete (not always successfully) with the medical staff, or use social rooms in the dormitories, so defeating the purpose for which these rooms were planned. *The School needs a unit which will provide the necessary class rooms.*

As each building has been built since 1939 some offices and teaching rooms for the School of Nursing have been provided in the planning. As patient care and medical staff needs have changed, some of these rooms have been taken from the School. Offices now are in 7 different buildings. Some are good and well located. Others are neither adequate nor conveniently located. *The School needs a unit which will provide adequate space for teachers.*

The library at maximum seats 50 students. We have outgrown our space for storage of books, and for seating of student nurses alone, yet there are many graduate nurses in the School and Nursing Service who would enjoy and find profitable the use of the excellent collection now in our Palmer-Davis Library. To meet even minimum student needs this fall a collection of library reference books was placed in both Thayer and Charles Street Houses. Even with these two subsidiary stations for reference books the daytime users alone numbered 10,657. *The School needs a library which will encourage both students and graduate nurses to read and study.*

The residences have met the need for numbers of beds, but the plans for continuing adjustments to improve and main-

tain the houses have been held up again this year because of over-all Hospital economies, and priorities for patients' units. Miss Anna Viden, Supervisor of Residences who had given so generously of herself and her talents since 1940, died in June. Always with such a loss, there must be time for reevaluation of plans and reorganization of the over-all program for the 7 houses in which reside all student and graduate nurses.

Student nurses are also young women 17-21 years of age who live, unlike college students, for 11 months of the year in the School dormitories. For indoor exercise there is no nearer place than the Y.W.C.A. on Berkeley and Stuart Streets. For many the fee and the carfare is excessive. *The School needs a recreational unit suited to the needs of young women* most of whom are still adolescents.

The appointment of a part-time physician to the Student Nurse Health Service in 1956 has brought the much hoped for results. The School Health Clinic has had 3,188 visits made to it during the year, 1,473 of which were made to see the doctor. All applicants living within reasonable distance received their entrance physical examinations and required inoculations before the opening of school in September. The first weeks of school therefore progressed without interruption for physicals, inoculations, or absence due to post-inoculation illness. The relationship between the permanent staff doctor and nurse and the student nurses has been a positive one resulting in better over-all health guidance, better reporting of illness, and earlier case findings. A marked decrease in illness appeared in the third year class whose average days off for illness dropped from 6.6 to 2.8.

The rising costs for education affect hospital schools of nursing also. After careful study the faculty recommended to the Advisory Council of the School of Nursing and the Trustees' Committee on the School of Nursing that tuition be increased $200.00, effective September, 1958. Total costs for the three years will then equal $833.00, $159.10 before entrance, $338.90 at entrance, and $197.50 and $137.50 at the beginning of the second and third years respectively.

Increased tuition will inevitably bring increased requests for scholarships. In 1956-57 the School's budget included $3,000

in scholarships and remitted tuition for students in the diploma program, and $1,500 additional for students in the Coordinated Program with Radcliffe College. Twenty-six $100 tuition scholarships were granted to three year students, and $300 each to two students in the Radcliffe-MGH Coordinated Program.

In October Mr. Everett C. Hughes, Professor of Sociology at the University of Chicago, will begin a study of the Coordinated Program. The enrollment in this Program has made no significant gain, and the drop-outs continue high during college years when students' interests are diverted to other fields of study at the College. It is very much hoped that the findings of the study may open new possibilities for change which will be considered favorably and implemented promptly.

If the numbers in this degree program can be increased to bring us more graduates ready to move rapidly into positions of responsibility, then the MGH should make a considered estimate of its clinical resources for the teaching of undergraduate or basic students in nursing. The three year School at the moment has an increased enrollment of approximately 16%. The Simmons College School this year has increased 50%. The McLean School remained practically unchanged. However much graduate nurses may be needed, and however much student nurses may help in patient care, the fact remains that overcrowding with beginning students in wards, clinics, or operating rooms impedes the care of patients. "Nurses for a Growing Nation" published by the National League for Nursing this year shows the urgent need for nurses who can move most rapidly into teaching, supervision and administration. This the three year graduate can do, but only after a longer period of time given to education after graduation from nursing school. New England stands out in the statistics as an area highest in its number of bedside nurses, but among the lowest in the numbers of graduates from university programs, broadly prepared, mature, and ready to move more quickly into these positions of leadership.

The three year School we believe is keeping pace with the local and national need, both in numbers and in soundness of preparation for the practice of nursing and for further preparation in the university if desired. The Radcliffe-MGH Coordinated Pro-

gram is lagging in the number graduated and so in its contribution to the need. When studies are made to determine the numbers of student nurses who should be prepared in the MGH wards and clinics, it should be remembered that MGH employs 139 head nurses and others in positions of large administrative and teaching responsibility, and the responsibility devolving upon the head nurse and supervisor, as well as the teacher, today is constantly increasing. No one can fully anticipate either the future possibilities of medical care or the changing role of the nurse who plays an increasingly important part in this care. The collegiate program has both direct and indirect values which neither School nor Hospital can afford to lose.

During the year Mrs. Paul Jones retired from the Advisory Council to the School of Nursing. Mrs. Jones, like many others on this Council, had given over 22 years of loyal service. Although this Council is not vested with authority, it is appointed by the Trustees, and continues to be a valuable source of help to the School and to the Hospital which should not be overlooked in the review of the School's progress.

The next two years will not be easy ones for the School for they are years of reorganization, but we believe the product of the School's program will be improved, and that the problems of reorganization will seem small indeed when compared to the values of the new plan.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Report of the Social Service Department

THE continuing expansion in hospital units and specialized medical services for patient care, additional research and training projects and the notably higher bed occupancy with resulting pressures on all departments seemed never more evident than during this year.

Social Service, concerned with facilitating individualized social plans and treatment related to medical care within the Hospital and in the community, has felt this pressure in various ways.

There were 231 more patients referred to the Department this year than last. Even more significant was an increase in the average monthly case load from 1,575 patients last year to 1,695 this year. This is evidence of the accumulative patient group under Social Service care through periods of many months. While 62% of the referrals were initiated in the house services, as compared to the clinic services, the reverse proportion existed in the monthly accumulative case load of which 34% were house and 66% clinic. Pressure for beds often made hasty discharge planning difficult for patients and their families as we helped them meet the transition from the security of known hospital care to unknown and often inadequate and costly nursing homes and chronic care facilities. Transportation plans for frequent follow-up visits to clinics, for physical and x-ray therapy involved a large expenditure of time and money to assure continued care. As in the previous year the amount of $9,539 raised for transportation was the largest single item in our medical relief. A large proportion was for Boston Public Welfare clients, for which we were later reimbursed. In August, 1957, Boston Welfare Department assumed the arrangements for transportation for their patients on all but the emergency trips for which we continue to take responsibility. We appreciate the readjustment this meant to patients and Welfare workers. It is going smoothly and appropriately and has already reduced our taxi expenses by over 60%.

Many patients, who for the first time face incapacity and dependency, must apply for public assistance even before their discharge plans can be consummated. The Intake Office of the Boston Public Welfare Department at 43 Hawkins Street has been most cooperative in handling these applications, particularly on the Overnight Ward.

Staff Changes During the major portion of the year there were staff shortages and turnover. We were fortunate, however, to start the fall of 1957 with full complement. Implementation of the new salary scale adopted in 1956 has helped.

In August we welcomed back Mrs. Ruth Abrams as Supervisor of the Surgical Service and allied specialties. Mrs. Abrams continues to teach a course in rehabilitation one day a week at Boston University School of Social Work.

Miss Leontina Murphy, formerly Administrative Assistant in the Social Service Department of Iowa City Hospital, joined the staff in August as Administrative Supervisor.

In June Miss Sylvia Perry, Supervisor of the Psychiatric Unit, resigned to become Director of Social Service at the Putnam Children's Center in Roxbury. Miss Perry's outstanding quiet qualities of leadership, her knowledge of practice and her ability to supervise staff and teach students made a great contribution to the total department. We were fortunate that Miss Eleanor Clark who has been directing the work in Child Psychiatry under Miss Perry was willing and able to take over as Supervisor when Miss Perry left.

The Psychiatric Unit This Unit has grown both in the number of patients referred to it and also in new services and projects so that there are now five areas in which the staff operate. They are: Adult Psychiatry, Ward and Clinic; Child Psychiatry; Alcoholism Clinic; Community Mental Health Program with its training of psychiatrists, psychologists and social workers; and a less formal participation in the West End Research Project, a study of relocation and mental health adaptation under stress. This is associated with families and individuals affected by the redevelopment project of the West End.

Baker Memorial and Phillips House With 498 patients referred to Miss Kellogg from these private pavilions by over

200 different doctors, there seems to be no question but that Social Service is a vital part of assured medical care to the private patient. Miss Kellogg has quoted with permission in her report excerpts from a letter to a friend by Professor-Emeritus Ernest Hocking of Harvard's Philosophy Department as follows: "Some one with whom I was talking the other day appeared shocked when I said that being in a hospital is one of the great experiences — one that gives one a new idea of what civilization means — a world within a world in which sheltering and caring are the creative forces — everyone should have a try at it!" Miss Kellogg's report goes on: "If this is so, this is the task not only of skilled aptitudes but of creative attitudes — individually and as a team. Our Hospital has a tradition that patient care is 'caring' for the patient even when it is sometimes hard to do. If this is the attitude of doctors and nurses, in their use of Social Service for making necessary plans with and for patients then the purposes are clear. We have a tradition that Social Service is an important part of human relations within the hospital, within family groups concerned, and in the community relations of the hospital; it is individualized service because patients are individuals."

Medical Clinic From the report of Miss Sittler, Supervisor in the Medical Clinics, I quote: "Dr. Stoeckle's warmth and sensitivity in relating to patients and his indefatiguable interest in learning more about the emotional and social components in illness are major factors in our Social Service efforts to define more clearly the social worker's area of competence and responsibility in the Medical Clinic setting. . . . Dr. Stoeckle and Dr. Davidson met with the Social Service staff for weekly conferences when current referrals were presented for discussion. These conferences were particularly meaningful to the Social Service Staff. They provided the opportunity to look at the less exact information about the patient's social situation with the more scientifically trained medical doctor and psychiatrist reacting to and often clarifying the medical implications of the presenting illness and symptoms. The counselling aspects of the Social worker's contribution were quite clearly demonstrated. The dynamics of the casework interview are more difficult of description." We plan to use the opportunity for

further study of our respective services to patients through such conferences in the coming year.

Communication in a busy hospital between the many different persons concerned in the care and planning for the patient has become increasingly important and difficult. Medical social conferences and rounds have been a somewhat effective method and this year has seen great improvement in this, particularly on the surgical services where the resident staff have met regularly each week with the social workers — referring patients for early evaluation rather than last minute "disposition." The worker in the Emergency and Overnight Wards reports that daily attendance at medical rounds there has helped in early referrals and a clearer understanding of patients and the problems involved in discharge planning.

A joint nursing-social service committee has met this year under the leadership of Miss Mary Quinlan, Assistant Director of Nursing in Vincent-Burnham, and Miss Mary Kearney, Social Service Supervisor. Here nursing and social work can come to a clearer understanding of their respective roles in the care of patients.

Education Our usual training of students from Boston University, Boston College, Simmons and Smith Schools of Social Work has continued. Teaching of our allied professional colleagues in medicine, nursing, dietetics, and ministry has been conducted. This past summer in the interests of recruitment and through the Social Work Careers Program two college Juniors worked in the Department for eight weeks as case aides.

Two papers from the Fiftieth Anniversary Program have been published; Professor Elliott Dunlap Smith's in the *Social Service Review* in Chicago and Miss Bartlett's by the National Association of Social Workers. The full Anniversary volume is about ready for publication.

This year there have been developing new programs and special emphasis on groups such as multiple sclerosis, diabetes, mental health and the physically handicapped. Ideas, studies, facilities and plans are absorbing the energies and interests of all Hospital personnel. It is most important that we do not become so absorbed in these activities that we lose sight of the people for whom they are being created.

Dr. Richard Cabot had a vivid way of making us look at ourselves and what we were doing. Years ago social workers in trying to define a medical-social program used the words "adjustment of a sick person and his environment." The following letter is in the files of the Department, written by Dr. Cabot: "I hate the word 'adjustment'. One adjusts bricks, watches and keys. One develops, helps, educates, convinces, arouses a human being. Try to fit any of these verbs onto a brick, watch or key. The absurdity shouts.

"There is a prejudice dating from Spencer or earlier in favor of ignoring the difference between persons and things. It is very stupid. Something like treating a fractured femur and a broken heart as identical and splinting both."

As our facilities, knowledge and professional skills and techniques increase, we must not lose our sensitive understanding, tolerance and compassion for the individual whom we serve. We must make hospital experience a creative force through our attitudes as well as our aptitudes.

JOSEPHINE C. BARBOUR
Chief of Social Service

Report of the Dietary Department

SEVERAL of the ambitions outlined in 1956 by the Dietary Department have materialized. Recognizing the increased emphasis on personnel function in management, the Administrative Committee approved the appointment of Miss Mae Dozier to the dietary staff as an Administrative Associate. Miss Dozier, a graduate of the Management Training Program at Radcliffe College, has worked closely with the Personnel Department this year in an endeavor to set up a position control system which will service the Department as well as afford workable statistics and budget control.

Modifications have been made in almost every phase of planning, purchasing, and service. Under the direction of Miss Annie Galbraith, appointed Assistant Director January 1, 1957, a total revision of the menu pattern in the General Hospital now affords those patients a selective menu. Through the organization known as the Hospital Purchasing Corporation, a group of twelve Boston hospitals have combined interest and resources to begin group purchasing — this policy has worked successfully in several areas and this fall, for the first time, was extended to include the procurement of canned fruits. Paralleling these endeavors is the continued interest in work simplification. New equipment in the cafeterias (i.e. milk dispensers, coffee makers, cash registers, etc.) is the direct reflection of the studies done by this group.

Statistics do not tell the whole story but some of those from patient service units are interesting. We note no major change in diet trends although with a slight decrease in census, our records indicate an increase in special diets and discharge instructions. The in-patient services note low sodium, low caloric, and gastric orders while the nutrition clinic instructs 58% of its census on low caloric patterns, 13% on gastric routines, 8.5% on diabetic control, and 7.5% on sodium restrictions.

Miss Wilma Robinson, Liaison Officer for the American Dietetic Association, visited the Department and Herrick House

in May to review and approve our postgraduate course for dietetic interns. Her report made us proud of our achievements, reminded us that our future responsibilities are indeed great and that the opportunities in this vast teaching area are exciting and rewarding.

We look forward with eager anticipation to continued professional progress in 1958.

LOUISE HATCH
Director of Dietary Department
and School of Dietetics

Report of the Volunteer Department

IN the Volunteer Department during the year 1957, a total of 590 volunteers contributed 50,176 hours. The pressure seems to have been toward two objectives, training and meeting the ever increasing demand for our service in new areas.

There have been some gratifying results. First, progress has been made in revising the duties for volunteers assisting evening Nursing Service on the floors, four weekday evenings from 6:30 - 9:30. A committee of evening Nursing Supervisors through the Central Nursing Office made up of Miss Dorris Hamm, chairman, Mr. Thomas Furlong, co-chairman, Mrs. Sylvia Morris, Miss Sheila Flynn, Miss Jane Riddell, and Miss Wolf completed a study and agreed upon an outline for a training program. The program included lectures, demonstrations and the practice of skills needed to assist with evening patient care and clerical duties. A rotation plan for assignments was also agreed upon. A pilot study of this program started this fall with 69 volunteers receiving the training. Careful supervision and evaluation are being given to this first trained group.

Few realize how much extra time, willingness, effort and enthusiasm are contributed by the Nursing Service in developing the more effective use of the Volunteer Services. This support gives the volunteer a feeling of being a member of the Hospital team, a sense of satisfaction in a job well done, and the feeling of helping others to serve.

To review briefly some of the 1957 activities: Forty-eight volunteers were awarded the 100 hour American Hospital Association Volunteer Service Pin.

There were 20 volunteers recruited for the Children's Recreation Program and they were given special orientation and training by Nursing Service and the Recreation Supervisor.

On May 9 an award ceremony took place at the Phillips Brooks House, Cambridge, honoring the Harvard students who volunteered at the Massachusetts General Hospital during the

college year. Seven of the 68 students were presented with the 100 hour American Hospital Association Volunteer Service Pin.

One hundred and twenty-five volunteers assisted as guides at the opening of the Warren Building December 4, and for the Careers Program during National Hospital Week.

The reorganization of the Clinics brought many changes of Volunteer Services.

Members of the Boston Metropolitan Chapter of the American Red Cross, Arts and Skills Service, under the direction of Miss Amelia Peabody, donated nine paintings and water colors for the second floor of the Clinic Building.

Volunteers assisted the coordinator of patient teaching and referrals with typing and collating material for seventy-five patient referral manuals.

Students from various colleges came in groups to assist the evening Housekeeping Service.

The annual tea given by the Trustees and General Director to honor all volunteers took place in Bartlett Hall on November 29. There was an attendance of 400.

The Director of the Volunteer Department was invited to be a participant in the first workshop for Directors of Volunteers sponsored by the American Hospital Association March 4, 5, and 6, 1957 in Chicago. The purpose of this workshop was to help develop standards and guiding principles for Hospital Volunteer Services and Volunteer Departments, and a service program for those who are responsible for directing volunteers within hospitals.

The Director of the Volunteer Department wishes to express her appreciation to the Trustees and the General Director for voting, at their meeting on February 21, 1957, to establish a new standing committee to be known as the Advisory Committee to the Volunteer Department.

The first meeting of this Committee took place May 21, 1957, at 9 o'clock in the Trustees' Room under the able chairmanship of Dr. Arthur W. Allen. Membership is composed of representatives of the following groups: the Trustees, Ladies' Visiting Committee, Staff Wives Association, Vincent Board of Managers, Boston Metropolitan Chapter American Red Cross, Medi-

cal Staff, Surgical Staff, Nursing Service, Social Service, Administration, and the Volunteer Department. The function of this Committee is to consider all problems of recruitment and assignment of volunteers in the Massachusetts General Hospital and the Vincent Memorial Hospital, and to coordinate and interpret the purpose and program of the Volunteer Department to all concerned. Meetings will take place the third Tuesday of each month in the Trustees' Room from 9:00 - 10:00 a.m. except in July and August.

As we look ahead to the opportunities and challenges still before us, we are well aware that our progress has been due in large measure to the devotion and enthusiasm of our volunteers, to the many leaders and members of the various volunteer groups serving here and to the fine support of Administration.

MARY RUTH WOLF
Director
Volunteer Department

Report of Treadwell Library

WITH the beginning of a new year comes the time for looking backward to evaluate the accomplishments of the past year and for refocusing our sights on the goals which we hope to attain in the near future.

Oliver Wendell Holmes' observation that "There is a dead medical literature, and there is a live one. The dead is not all ancient, the live is not all modern" is equally true today. It is the obligation of the Treadwell Library staff to make the medical literature—"live", "dead", "ancient" or "modern"—already in its collections quickly available to its clientele and at the same time to acquire and make available that "live" portion of the enormous amount of recently published medical literature which will be most useful to the Hospital personnel whom the Library serves.

In order to make the existing collections more easily available to the library users, the staff has begun an extensive revision of the card catalog—taking out extraneous matter and adding pertinent material—in an attempt to make the card catalog the index to the Library's holdings that it should be. Ultimately, this catalog will be extended to include books and journals in the various departmental libraries. The books which were stored in cartons on the third stack level have been shelved wherever spaces were found so that, given a little time, a staff member may be able to locate any of the books shelved there. Plans have been made to reshelve all of the collection, except the books in the Smoking Room, so that journals may be located more easily by the library user. Reprints of articles in the journal collection have been discarded, although the author cards, with journal references added, have been kept and filed in a separate drawer of the card catalog. As an aid to the cataloging of new books, a subject authority list has been compiled and the shelf list is in the process of being brought up-to-date. Author cards for foreign theses and journal supplements have been made.

Because the study and practice of medicine is dependent upon advances in related scientific and cultural fields, the collection in the medical reference library for a teaching hospital, such as the Massachusetts General Hospital, must contain general, biological, chemical and medical references. Since the Massachusetts General Hospital is not only a teaching hospital but also a research center, the problem of book and journal selection for the Library with its limited funds becomes a critical one. Greatest emphasis is placed on its periodical collection because this is the backbone of a reference library and the Treadwell Library's journal collection is one of which we may be justly proud. However, it does not fulfill the needs of the research worker and for that reason a number of journal titles, especially in the biochemical and hematological fields, have been added. The book collection should contain the basic titles in each field of interest represented in the Hospital, but it cannot be definitive for any one service. This problem has been solved partly by the departmental libraries of the Hospital and partly by proximity to the Harvard Medical School and Boston Medical Libraries. A very active interlibrary loan service is conducted between these two libraries and Treadwell Library—with Treadwell Library doing most of the borrowing. Here is where building library resources through cooperation with other libraries is important. A well-planned cooperative journal acquisition program, participated in by all the medical libraries in the Boston area, would result in better library service to the patrons of each library. With three libraries exchanging lists of new journal titles added to their respective libraries, a start has been made in this direction. It is hopel that, with the cooperation of the various services, the book collection may be strengthened where necessary, so that the Treadwell Library may become the central medical library of the Hospital, supplemented by the departmental libraries. This would seem especially important in view of the closer cooperation being fostered among the personnel of the medical and surgical services and Huntington Memorial Laboratories.

Plans have been drawn and approved for the improvement of the physical facilities in the work room, corridor and reading room. The work room will be provided with adequate work

areas and storage space by the construction of built-in units. A new circulation desk, especially designed for the area, will replace the temporary arrangement of desks and table in the corridor. Wall shelves will replace the book case and a public address system will make paging of the readers a less arduous task. Bulletin boards and display cases are also planned for the corridor. The reading room will be provided with a new table and racks for periodicals, thus taking the current issues off the table. It is planned to improve the lighting in the work room, corridor and library office and to paint these areas.

During most of the year the Treadwell Library staff included, in addition to the Librarian, one full-time clerical assistant, Miss Ruth E. Raymond, and two part-time clerks, Miss Adele Spiegler and Mr. Roger Newman. Miss Spiegler was employed full-time and Mr. James Hawker substituted for Mr. Newman during the summer. Mrs. Anastasia Cakste, formerly with the Blue Hills Observatory, joined the staff in November. At the present time the chief functions of the library are so divided that Mrs. Cakste is in charge of circulation; Miss Raymond, the interlibrary loans; and the Librarian, reference, book selection and cataloging.

Four volunteers have generously given time to the Treadwell Library. Miss Elaine Brown, an elementary school teacher, helped with various typing tasks for an hour or so after school one day a week during the spring. Mrs. Virginia L. Crowell has continued her work of checking Hospital records to furnish discharge diagnoses for the surgical fatality reports which are indexed, bound and housed in the Treadwell Library vault. She has, also, been helpful in numerous other ways, especially when one of the regular members of the staff was absent from work. Miss Helen Bernice Sweeney completed her fourth year devoting one morning each week to typing the directory of medical libraries which are members of the Medical Library Association Exchange and to working on the bibliography of Staff Publications. Miss Marion Kingman is spending two mornings a week helping with a variety of tasks, but her special responsibility will be the processing of the photostats and microfilms received from the National Library of Medicine, and the making of an author index for them.

During the year a total of 35,276 persons used the Library, the number of items loaned was 12,729, the number of items borrowed from outside sources and used by readers in the Hospital was 3,228. There are 237 periodical titles regularly received by the Library. Forty-nine bound volumes were discarded, twenty duplicates of books already in the Library collection were given to other departments of the Hospital and a number were sold for a nominal fee. In September the Library began to receive photostats and microfilms gratis from the National Library of Medicine. These will become a part of the permanent collection since they are copies of material not available in the Boston area. Also, the Library now owns a photocopier which means that furnishing photocopies of short articles at cost is now an added Library service. The Library contributed approximately 700 items from its large collection of duplicate journals to other libraries in Boston and elsewhere.

Each of the seven students enrolled in the Medical Record Librarian School spent a total of sixty hours in the Library learning medical library methods and gaining some practical library experience. Their help was greatly appreciated.

On May 29, 1957, the Treadwell Library was hostess to the Hospital Division of the Special Libraries Association which was holding its annual convention at the Hotel Statler in Boston. A business meeting, held in the Trustees' Room, was followed by a tour of the Treadwell, Palmer-Davis and Warren Libraries in the General Hospital and the Lucien Howe Library in the Massachusetts Eye and Ear Infirmary.

The Librarian wishes to express her gratitude to the Treadwell Library Committee for its faithful and thoughtful help in policy making and in planning for the future development of the Library. To Dr. Raymond D. Adams, Chairman of the Committee, go special thanks for the many hours he has devoted to the discussing of ways and means of improving the Library's facilities and its services to the Hospital personnel.

In January Miss Eleanore A. Lewis retired as Librarian and, after a brief vacation, has been "keeping her hand in" by working part-time at the Boston Medical Library, the New England Deaconess Medical Library and the Tracy Burr Mal-

lory Memorial Library in the Pathology Department of the Massachusetts General Hospital.

Mrs. Grace Whiting Myers, first salaried full-time Librarian of the Treadwell Library, died on August 20, 1957. An eloquent account, written by Dr. Nathaniel W. Faxon, appeared in the November, 1957, issue of *The News.*

Many individual members of the Hospital Staff, as well as some departments, regularly send periodicals to the Library. In a sense they are subscribing to these journals so that the whole Hospital Staff may benefit from them. The Librarian wishes to thank them and all the other donors who have so generously added to the collections in the Library. In so doing they are directly contributing to the teaching function of the Hospital and indirectly contributing to patient care. Special mention is made of the receipt, through the program sponsored by the National Institutes of Health, of English translations of several Russian journals covering the fields of biochemistry, biophysics, hematology, oncology, microbiology, experimental biology and medicine, physiology and virology. This makes it possible for specialists in these fields to keep abreast of a segment of the literature which might otherwise be closed to them.

The statistics for the year are:

	1956	*1957*
Number of periodical volumes	11,688	11,916
Number of other volumes	8,404	8,587
Number of volumes discarded	440	49
Number of pamphlets	2,523	1,420
Number of periodical subscriptions	222	237
Number of volumes loaned	9,558	9,745
Number of unbound periodicals loaned	2,154	2,984
Total number of loans	11,712	12,729
Number of items borrowed from other sources	3,001	3,228
Number of persons using Library during day	31,389	31,023
Number of persons using Library during evening	3,052	4,253
Total number of persons using Library	34,441	35,276

GENEVIEVE COLE
Librarian

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarships, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation considered worthy of a premium on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1959 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D.
General Director

Statistical and Comparative Tables

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1948.....	2,039,483.	609,577.	732,721.	1,714,275.	1,175,131.	6,271,187.
1949.....	—	—	—	—	—	7,300,335.
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431.	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.
1953.....	3,064,151.	887,828.	907,984.	2,084,635.	2,788,945.	9,733,543.
1954.....	3,168,890.	1,012,659.	1,006,092.	2,407,785.	3,229,039.	10,824,465.
1955.....	3,575,242.	1,008,501.	1,042,335.	2,512,596.	3,473,377.	11,612,051.
1956.....	4,261,912.	1,158,356.	1,203,094.	2,770,015.	3,690,189.	13,083,566.
1957.....	4,476,986.	1,334,795.	1,304,260.	2,934,279.	4,518,960.	14,569,280.

TOTAL ACCRUED EARNINGS

1948.....	1,151,401.	438,381.	817,177.	1,708,511.	675,161.	4,790,632.
1949.....	1,195,444.	479,556.	907,691.	1,863,333.	933,339.	5,384,363.
1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677.	6,941,796.
1953.....	1,922,424.	599,384.	1,165,987.	2,476,787.	1,410,630.	7,575,212.
1954.....	1,958,527.	648,324.	1,177,469.	2,638,040.	1,512,106.	7,934,466.
1955.....	2,357,868.	645,829.	1,235,431.	2,718,253.	1,700,183.	8,657,564.
1956.....	2,900,094.	659,737.	1,434,467.	2,966,123.	1,762,277.	9,722,698.
1957.....	2,927,985.	792,358.	1,523,634.	3,423,917.	2,155,307.	10,823,201.

STATEMENT OF STOCK ON HAND

	Sept. 30, 1957	*Sept. 30, 1956*
Total Stock on Hand September 29, 1957 and September 30, 1956 respectively	$610,777.72	$641,472.19

GENERAL HOSPITAL

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1948	7,390	126,554	17+ "	5,339
1949	7,694	125,830	16+ "	5,259
1950	7,370	123,711	17— "	5,413
1951	7,232	115,904	16— "	4,885
1952	10,547	118,120	11+ "	4,793
1953	10,698	127,337	12— "	5,639
1954	10,521	127,496	12+ "	7,052
1955	11,586	141,585	12+ "	6,868
1956	11,083	141,231	13— "	7,225
1957	11,734	133,521	12— "	7,745

GENERAL STATISTICS

1957 1956

Patients in Hospital:	*Oct. 1 1956*	*Oct. 3 1955*	*Oct. 4 1954*
Medical	125	203	168
Surgical	178	169	161
Children	16	33	17
Total	319	405	346

Patients admitted during year:	*1957*	*1956*
Medical	4,673	4,576
Surgical	6,392	5,865
Children	669	642
Total	11,734	11,083

Patients discharged during year:		
Against advice	40	45
Died	778	671
Otherwise discharged	10,862	10,453
Total	11,680	11,169

Patients' day treatment:

(Reckoned from discharge rates)	*1957*		*1956*	
Paying patients	89,459	(67%)	97,449	(69%)
Part-paying patients	38,721	(29%)	38,133	(27%)
Free patients	5,341	(4%)	5,649	(4%)
Total	133,521	(100%)	141,231	(100%)

	1957	*1956*
Net income, General Hospital	$2,927,984.95	$2,900,094.44
Total number of patient days	133,521	141,231

	1957	*1956*
Average number of patients per day	367	387
Number of beds available	454	436
Percentage of beds occupied	83.1%	91.8%
Autopsies	67%	66%
Per capita earnings (excluding special nurses)	21.93	20.53
Per capita earnings on special fees	10.65	9.46
Per capita cost of foods, patients only	.86	.89

HOUSE PATIENTS

Residences

	1957	*1956*
Boston	4,687	4,413
Metropolitan Boston	4,815	4,411
Massachusetts (except Metropolitan Boston)	1,855	1,928
Outside of Massachusetts	377	331
Total	11,734	11,083

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Net Receipts
1948	16,713	10.51	175,654.00	85,942.00
*1949	15,822	3.54	56,026.21	15,322.46
*1950	15,335	6.15	94,348.29	15,151.30
*1951	18,449	7.94	146,576.74	47,978.23
*1952	20,243	8.16	165,108.60	71,149.46
*1953	21,231	9.02	191,442.62	86,891.65
*1954	21,216	10.28	218,048.23	108,598.63
*1955	25,027	10.35	258,960.48	132,560.99
*1956	29,144	12.18	355,013.66	130,049.81
*1957	32,036	11.76	376,625.99	154,539.52

*Overnight Ward excluded

COMBINED CLINICS

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1948	23,051	233,135	769+	109,993
1949	19,179	206,826	683—	109,050
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959
1953	14,955	176,587	585	114,859
1954	15,226	181,774	602—	121,424
1955	14,577	187,747	622—	126,067
1956	13,079	186,517	618—	127,885
1957	13,173	211,205*	699+	129,179

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Net Receipts	Aver. Daily Net Receipts	MGH Share of Net Receipts
1948	860,608	609,577	3.69	650,158	2.79	438,380
1949	1,034,253	753,983	5.00	696,044	3.37	479,556
1950	940,238	645,898	4.80	697,505	3.56	477,294
1951	911,217	710,433	4.96	676,259	3.68	441,982
1952	918,728	726,900	5.17	697,498	3.93	484,020
1953	943,852	779,549	5.34	645,901	3.66	489,568
1954	1,069,175	888,492	5.88	671,304	3.69	517,888
1955	1,088,976	889,033	5.80	685,386	3.65	527,948
1956	1,243,689	1,022,144	6.67	673,815	3.61	525,917
1957	1,420,258	1,191,370	6.72	806,433	3.82	651,397

*Includes Staff and Other — See page 119

	New Patients		Subsequent Visits		* Staff & Other
	1957	*1956*	*1957*	*1956*	*1957*
Admitting Physician	199		2,461		974
Medicine	1,404	1.378	19,782	20,004	367
Alcohol	53	12	567	785	256
Allergy	5	27	7,793	8,634	694
Anemia	8	2	289	251	5
Arthritis	19	10	1,086	1,108	176
Diabetes	2	13	2,244	1,802	106
Gastro-Intestinal	4	3	1,090	1,177	29
Cardiac	16	9	1,037	1,040	29
Hypertension	1		449	486	4
Nutrition	2	1	329	424	4,197
Ovarian Dysfunction	6	10	355	351	29
Podiatry			968		269
Pulmonary	1	2	308	444	8
Rheumatic Fever	5	7	532	640	2
Thyroid	9	4	2,112	2,482	904
Dermatology	724	784	7,435	7,697	1,203
Syphilis	43	39	2,654	2,960	302
Neurology	260	269	6,153	6,215	129
Language	3	4	2,569	3,695	102
Psychiatry	262	264	3,260	3,413	422
Child Psychiatry	27	11	2,143	2,449	681
Children's Medicine	1,133	845	4,635	4,567	90
Adolescent Endocrine	22	19	354	446	
Surgery	376	388	13,172	12,629	2,157
Amputation Clinic	36	29	81	105	1
Amputation Rounds	14	8	103	126	3
Fracture	39	106	3,958	3,274	139
Hand	6	11	110	161	88
Plastic Surgery	2	4	77	136	2
Rectal Surgery		3	147	379	42
Vascular Surgery	2	3	401	487	35
Gynecology	180	173	3,065	2,899	578
Orthopedic Surgery	308	395	6,342	7,144	632
Infantile	3	14	460	1,129	5
Scoliosis		1	82	108	2
Urology	129	105	4,456	4,048	316
Stone	1	2	230	232	3
Dentistry	244	254	3,414	3,384	1,259
Tumor	230	256	8,871	9,469	893
Rehabilitation	7		73		51
General Hospital Clinics	5,785	5,465	115,647	116,780	17,184
General Hospital Totals	5,785	5,465	115,647	116,780	17,184
Ear, Nose and Throat	2,538	2,600	18,969	19,303	2,024
Eye	4,850	5,014	39,258	37,355	4,950
Eye & Ear Infirmary Totals	7,388	7,614	58,227	56,658	6,974
Combined Out-Patient Department Totals	13,173	13,079	173,874	173,438	24,158

	1957	*1956*
Total Attendance	211,205	186,517

* Staff & Other — includes Admitting Physician, Glaucoma and Retina Patients, Clinic Consultations, School of Nursing, Staff and House Patients seen in Clinics not included in census figures prior to October 1, 1956.

PHILLIPS HOUSE

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	Operations
1948....	626	1,406	245	2,279	229	28,927	13—	1,445
1949....	749	1,326	182	2,257	162	27,940	12+	1,327
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414
1953....	1,096	1,600	0	2,696	0	30,121	11—	1,414
1954....	1,134	1,482	0	2,616	0	30,736	11+	1,312
1955....	1,168	1,528	0	2,696	0	32,266	11+	1,153
1956....	1,269	1,671	0	2,940	0	36,938	12+	1,251
1957....	1,233	1,645	0	2,878	0	36,909	12+	1,386

	1957	*1956*
Average number of patients per day	101	101
Number of beds	115	103
Percentage of beds occupied	88.5%	93.2%
Autopsies	69%	73%
Gross per capita earnings, excluding special nurses	41.28	38.83
Net per capita earnings on special fees excluding board and special nurses	15.03	14.97
Per capita cost of raw food, patients only	1.82	1.76

BAKER MEMORIAL

	No. Patients Admitted					Total Patients' Days	Aver. No. Days in	No. of
	Med.	Surg.	Obstet.	Total	†Births	Treatment	Hospital	Operations
1948....	1,401	5,085	826	7,312	717	98,663	13+	5,347
1949....	1,475	5,094	543	7,112	446	83,783	11+	5,158
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875
1953....	1,848	5,845	*226	7,919	0	93,496	11+	6,233
1954....	2,144	5,826	*250	8,220	0	98,461	11+	4,765
1955....	2,342	5,753	*285	8,380	0	96,211	11+	4,588
1956....	2,331	5,956	*364	8,651	0	102,484	12—	4,887
1957....	2,459	6,166	*391	9,016	0	102,738	11+	4,954

	1957	*1956*
Average number of patients per day	282	281
Number of beds available	338	334
Percentage of beds occupied	80.4%	82.3%
Autopsies	63%	69%
Gross per capita earnings, excluding special nurses	33.33	28.94
Net per capita earnings on special fees excluding board and special nurses	13.47	12.18
Per capita cost of raw food, patients only	1.12	1.08
Average professional fee per patient	129.61	128.34
Average Hospital charge per patient	442.92	388.71
Average Hospital charge per patient, including professional fees, but excluding special nurses	545.15	495.75

*Children's Medical.

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences	*1957*	*1956*
Boston	1,946	1,890
Massachusetts (except Boston)	5,890	5,477
Maine	175	143
New Hampshire and Vermont	271	333
Rhode Island and Connecticut	336	369
New York	151	163
Other States	169	189
British Provinces	7	3
Other Foreign Countries	71	84
Total	9,016	8,651

Combined Statistics for all Units for 1957

	General Hospital	Baker Memorial	Phillips House	Total
Number of patients admitted	11,734	9,016	2,878	23,628
Number of patient days	133,521	102,738	36,909	273,168
Number of operations	7,745	4,954	1,386	14,085
Average number of patients	367	282	101	750

RADIOLOGICAL DEPARTMENT

General Hospital	*1957*	*1956*
House Patients Examined	14,859	15,098
Out-Patient Department patients examined	16,240	14,976
Emergency Ward patients examined	9,573	8,194
Total number patients examined	40,672	38,268
X-Ray treatments given	6,719	7,612
Number of examinations	51,525	—
Total number of examinations and treatments	58,244	—
Phillips House		
House patients examined	3,328	3,265
Private patients examined	662	638
Total number patients examined	3,990	3,903
X-ray treatments given	1,309	2,085
Number of examinations	5,428	—
Total number of examinations and treatments	6,737	—
Baker Memorial		
House patients examined	10,889	10,457
Private patients examined	3,923	3,512
Total number patients examined	14,812	13,969
X-ray treatments given	7,138	8,698
Number of examinations	18,610	—
Total number of examinations and treatments	25,748	—
Entire Hospital (Combined Statistics)		
Total number patients examined	59,474	56,140
Total number patients treated	1,306	—
Total number patients examined and treated	60,780	56,140
Total number examinations	75,563	—
Total number treatments and observations	16,940	—
Total number examinations, treatments and observations	92,503	—

Radium Therapy

Treatments given:	1957	1956
General Hospital (including Eye and Ear Infirmary)	126	199
Phillips House	14	15
Baker Memorial	54	60
Total number treatments given	194	274

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	1957	1956
Out-Patient Department	1,847	2,047
General Hospital (including Eye and Ear Infirmary)	12,696	16,476
Phillips House	1,311	782
Baker Memorial	3,875	3,149
Private ambulatory patients	3,238	2,222
Total treatments given	22,967	24,676

Occupational Therapy

Treatments given:	1957	1956
Out-Patient Department	358	288
General Hospital	9,879	13,779
Phillips House	185	6
Baker Memorial	868	452
Private ambulatory patients	451	280
Total Treatments given	11,741	14,805

NURSING DEPARTMENT

	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Average No. of Graduates on General Hospital Staff	159	181	195	195	213	203	220	187	194	190
Average No. of Graduates on School of Nursing Staff								42	41	44
Average No. of Graduates on Baker Memorial Staff	87	94	97	86	79	74	80	60	58	60
Average No. of Graduates on Phillips House Staff	57	61	57	56	56	54	55	55	58	62
Average No. Accepted Pupils	213	214	268	292	293	286	282	286	279	267
Average No. Preclinical Students	62	76	75	87	93	83	71	72	68	74
Average Total	578	626	692	716	734	700	708	625	698	697
Total No. Preclinical Students Admitted	135	138	140	158	150	133	143	139	125	186
Preclinical Students Dropped and Resigned	42	20	19	27	19	20	28	21	12	14
Accepted Pupils Dropped and Resigned	8	4	4	21	20	14	6	14	16	18
Total Dropped and Resigned	50	24	23	48	39	34	34	35	28	32
Average No. of Graduates on General Hospital Staff—*Part time	14	15	14	11	7	8	11	11	20	17
Average No. of Graduates on Baker Memorial Staff—*Part time	7	9	6	4	8	5	12	8	10	5
Average No. of Graduates on Phillips House Staff—*Part time	10	8	7	6	3	4	6	9	9	11
Total *Part time graduates	31	32	27	21	18	17	29	28	39	33

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1957	*1956*
Total Number of In-Patient Days	273,168	280,653
Total Income	$10,823,200.79	$9,722,697.73
Deduct Non In-Patient Income:		
Other Income	2,321,040.36	2,113,800.29
Out-Patient Department	536,981.70	468,321.56
Emergency Ward	116,459.08	127,915.07
Private Ambulatory	182,980.86	168,690.64
	3,157,462.00	2,878,727.56
Total In-Patient Income	$7,665,738.79	$6,843,970.17
Income Per In-Patient Day	$28.06	$24.39
Total Expenses	$14,569,279.67	$13,083,566.17
Deduct Non In-Patient Expense:		
Non-Operating & Research	2,808,306.48	2,260,393.80
Non-Patient	1,324,764.77	1,048,400.11
Out-Patient Department	1,191,370.21	1,022,144.18
Emergency Ward	376,625.99	355,013.66
Private Ambulatory	152,687.11	162,593.77
	5,853,754.56	4,848,545.52
Total In-Patient Expense	$8,715,525.11	$8,235,020.65
Cost Per In-Patient Day	$31.91	$29.34

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1948 TO SEPTEMBER 29, 1957

General Hospital												Out-Patient Department		Phillips House						The Baker Memorial						
		Patients Admitted					Deaths								Deaths						Deaths					
Year	Total Admitted	Paying Board Full Time	Paying Board Part Time	Free	Number Pay Days Treatment	Number Free Days Treatment	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average
1948	7,390	5,090	1,709	591	71,427	55,127	473	6.40	385	241	344 −	23,051	210,084	2,277	67	2.94	96	46	79 −	7,312	192	2.48	319	189	268 +
1949	7,694	5,262	1,823	609	62,819	64,011	468	6.51	395	231	348 +	19,179	206,826	2,257	55	2.44	95	40	77 −	7,112	181	2.54	300	126	230 +
1950	7,370	5,338	1,629	403	108,163	14,095	481	6.52	381	238	340 −	16,590	195,849	2,494	72	2.88	76	37	79 −	7,190	202	2.81	283	151	248 +
1951	7,232	5,072	1,873	377	103,203	12,701	514	7.10	367	204	291 +	15,065	183,667	2,440	66	2.78	100	41	78 −	7,262	199	2.74	302	146	244 +
1952	10,547	6,961	2,953	633	111,033	7,087	530	5.02	380	227	325 −	14,307	177,657	2,632	88	3.34	103	45	80 −	7,620	194	2.54	300	145	242 +
1953	10,698	6,954	3,209	535	120,970	6,367	597	5.06	397	227	350 −	14,955	176,587	2,696	86	3.19	107	51	83 −	7,919	206	2.60	323	168	256 +
1954	10,521	6,628	3,577	316	100,765	3,825	585	5.56	427	259	350 +	15,226	181,774	2,616	76	2.90	112	47	84 +	8,220	194	2.36	323	190	273 +
1955	11,586	7,299	3,823	464	89,199	5,663	680	5.86	466	306	389 −	14,577	173,170	2,697	74	2.74	120	55	88 +	8,390	243	2.89	350	176	264 +
1956	11,083	7,647	2,992	443	97,449	5,649	671	6.04	466	260	390 +	13,079	186,517	2,940	81	2.75	123	42	95 +	8,651	221	2.55	350	183	281 +
1957	11,734	8,242	3,018	474	89,459	5,341	778	6.63	419	260	367 −	13,173	211,205	2,878	75	2.96	123	56	98 +	9,086	268	2 94	352	171	282 +

Total number of patients admitted to General Hospital from the year 1821 — 537,872
" " " " " " " Phillips House " " " 1917 — 92,049
" " " " " " " Baker Memorial " " " 1930 — 179,403

809,324

MASSACHUSETTS GENERAL HOSPITAL — INCOME STATEMENT
THIRTEEN PERIODS ENDING SEPTEMBER 29, 1957

GROSS EARNINGS AT STANDARD RATE	Total 1956	Total 1957	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulatory
Day Rate Service	$5,210,467.50	$6,122,566.31	$1,100,725.28	$2,333,527.28	$2,688,313.75	.....	.....	.....
Out Patient Adm. Fees	327,189.88	421,018.12	.....	.....	.....	421,018.12	.....	.....
Emergency Ward Fees	60,550.20	106,853.15	.....	.....	.....	.....	106,853.15	.....
Operating Room	821,422.66	901,307.77	115,765.80	407,609.99	368,291.40	99.70	1,285.10	8,255.78
Anesthesia	356,722.00	424,530.58	67,642.25	213,752.70	139,850.38	1,279.25	560.25	1,445.75
Radiology—Diagnosis	770,816.04	787,265.99	116,364.10	209,771.25	215,103.75	141,481.04	47,084.00	57,461.85
Radiology—Theraphy	101,384.64	97,846.37	8,260.00	16,330.00	7,200.00	22,622.75	.....	43,433.62
Laboratories	777,659.95	787,505.29	123,597.60	236,065.85	277,187.19	67,007.05	6,044.65	77,602.95
Basal Metabolism	14,993.80	11,334.60	1,176.50	1,261.00	561.00	7,526.60	5.00	804.50
E K G	54,551.75	55,685.45	5,948.50	10,385.75	26,802.50	6,521.70	3,880.00	2,147.00
Blood Bank	212,587.50	221,579.15	36,228.37	85,263.80	95,795.73	180.25	4,115.00	(4.00)
Physical Therapy	78,751.38	79,777.69	8,950.00	17,883.50	34,454.00	3,574.05	.....	14,916.14
Occupational Therapy	14,366.47	6,457.91	689.80	755.35	3,994.26	16.00	.....	1,002.50
Purchased Services	.....	11,788.42	859.00	4,973.81	5,842.26	.....	.....	113.35
Oxygen Therapy	91,635.86	67,454.15	7,703.23	23,351.05	36,399.87	.....	.....	.....
Intravenous Therapy	81,090.50	126,071.90	13,694.75	44,756.75	67,486.00	120.40	14.00	.....
Central Supply Room	18,932.95	30,267.36	1,795.14	11,331.22	17,117.00	24.00	.....	.....
Pharmacy	532,479.59	551,987.10	40,294.68	117,456.33	202,966.72	189,774.52	1,485.10	9.75
Total Earnings from Services to Patients	9,525,602.67	10,811,297.31	1,649,695.00	3,734,475.63	4,187,365.81	861,245.43	171,326.25	207,189.19
Deductions from Income Charity Allowances	1,012,287.81	1,191,179.65	12,492.80	12,511.61	799,551.62	312,755.98	51,413.14	2,454.50
Other Rebates and Losses	425,471.09	672,455.01	46,716.25	264,145.37	346,631.61	11,507.75	3,454.03	.....
Provision for Doubtful Accounts	478,946.33	445,502.22	3,710.10	60,925.03	359,113.26	.....	.....	21,753.83
Total Deductions	1,916,705.23	2,309,136.88	62,919.15	337,582.01	1,505,296.49	324,263.73	54,867.17	24,208.33
Net Earnings from Services to Patients	7,608,897.44	8,502,160.43	1,586,775.85	3,396,893.62	2,682,069.32	536,981.70	116,459.08	182,980.86
Dietary	323,860.13	315,075.16	.....	.....	.....	.....	.....	.....
Miscellaneous Income	1,789,940.16	2,005,965.20	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	9,722,697.73	10,823,200.79	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1957*	*Total 1956*
Earnings from services to patients		
Private Patients	$1,649,695.00	$1,507,876.75
Semi-Private Patients	3,734,475.63	3,176,623.94
Ward Patients	4,187,365.81	3,713,682.05
Out-Patient Department	861,245.43	774,246.32
Private Ambulatory	207,189.19	183,849.34
Emergency Ward	171,326.25	169,324.27
Total Earnings From Services to Patients	$10,811,297.31	$9,525,602.67
Less:—Deductions from earnings:		
Charity Allowances	$1,191,179.65	$1,012,287.81
Other Rebates and Losses	672,455.01	425,471.09
Net Provision for Doubtful Accounts	445,502.22	478,946.33
Total Deductions from Earnings	$2,309,136.88	$1,916,705.23
Net Earnings From Services to Patients	8,502,160.43	7,608,897.44
Other Income	2,321,040.36	2,113,800.29
Total Income	$10,823,200.79	$9,722,697.73
Operating Expenses		
Professional Care of Patients	$8,551,299.05	$7,778,896.79
Dietary Expenses	1,283,738.41	1,280,720.74
Housekeeping	515,424.65	526,728.16
Laundry & Linen	213,846.89	255,192.54
Plant Operation & Maintenance	1,255,694.19	1,004,294.76
Other Non-Patient Expenses	416,735.64	339,679.47
Total Operating Expenses	$12,236,738.83	11,185,512.46
Net Operating Deficit	1,413,538.04	1,462,814.73
Add:—Non-Operating & Research Expenses	2,332,540.84	1,898,053.71
Net Deficit	3,746.078.88	3,360,868.44
Available From Treasurer For Expenses At Hospital	3,701,954.92	3,273,920.70
Final Deficit—Withdrawn From General Fund Principal	$ 44,123.96	$ 86,947.74

MASSACHUSETTS GENERAL HOSPITAL

Statement of Stock on Hand September 29, 1957 and September 30, 1956

	Sept. 29, 1957	*Sept. 30, 1956*
General Hospital Apothecary Out-Patient Department Apothecary	$315,234.80	$306,062.69
General Hospital Upper Store	104,478.33	98,084.81
General Hospital Lower Store	41,507.81	37,192.20
General Hospital Maintenance	87,094.16	122,160.19
General Hospital Postage	832.35	1,237.80
General Hospital Print Shop	3,237.84	9,570.59
Other	58,392.43	65,151.11
Total Stock on Hand	$610,777.72	$639,459.39

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year ending September 30, 1957, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

THE MASSACHUSETTS GENERAL HOSPITAL
CONDENSED YEAR-END BALANCE SHEET

	Sept. 30, 1957	*Sept. 30, 1956*
ASSETS		
Cash	$ 2,565,507.02	$ 1,162,444.56
Cash in Escrow		250,000.00
Investments		
Bonds	12,245,075.98	13,020,871.26
Stocks	12,534,886.34	12,414,794.06
Notes and Commercial Paper	1,859,217.34	1,271,508.90
Real Estate	212,594.65	212,594.65
Notes Receivable	152,625.00	127,367.46
Accounts Receivable — Patients and Others (Less Reserve for Bad Debts)	2,345,391.23	1,634,152.94
Inventories of Supplies — At Estimated Cost	651,712.73	641,047.19
Prepaid Items	27,613.90	64,225.10
Interest in Miscellaneous Assets	9.00	9.00
Plant (Less Provision for Depreciation)	16,800,449.85	17,155,571.92
Construction Accounts	4,409,289.08	3,052,182.57
	$53,804,372.12	$51,006,769.61
LIABILITIES		
Accounts Payable and Accruals	$ 557,273.99	$ 377,591.03
Pension Reserves	163,675.61	92,591.87
General Fund		
Treasurer's Account	145,166.57	1,694,750.33
Director's Account	2,378,744.89	2,033,756.77
General Hospital Endowment Funds		
Unrestricted as to Income	4,720,934.15	4,642,630.23
Restricted as to Income	14,887,864.92	14,651,795.66
McLean Hospital Funds		762,905.80
General Fund		
Treasurer's Account	119,113.68	
Director's Account	223,492.61	
Endowment Funds	692,710.83	
Building Funds	5,070,707.76	2,814,247.21
Fiduciary Funds	372,737.61	353,584.50
Funds Invested in Plant	16,800,449.85	17,155,571.92
Temporary Funds		
General Hospital	2,424,374.88	2,087,713.70
McLean Hospital	326,666.45	192,849.15
Fiduciary	5,074.30	6,584.82
General Investment Profit and Loss Account	4,915,384.02	4,140,196.62
	$53,804,372.12	$51,006,769.61

THE MASSACHUSETTS GENERAL HOSPITAL

GENERAL HOSPITAL

CONDENSED INCOME STATEMENT

(for fiscal year ending Sept. 30)

	1956-7	*1955-6*
Treasurer's Receipts		
Gifts		
Unrestricted	$ 197,117.25	$ 200,841.00
Annual Free Beds	5,153.65	5,750.00
Restricted	2,230,804.62	1,900,886.14
	$2,433,075.52*	$2,107,477.14*
Income From Investments		
Unrestricted	$ 329,774.77	$ 399,069.50
Restricted	963,910.64	801,680.86
	$1,293,685.41	$1,200,750.36
Other Income		
From Trusts and Agents	$ 7,320.17	$ 7,213.36
Contributions for Connecting Buildings	15,613.00	15,613.00
Huntington Memorial Hospital	16,718.68	12,783.84
	$ 39,651.85	$ 35,610.20
Total	$3,766,412.78	$3,343,837.70
Payments From Income		
Added to Principal	$ 39,406.48	$ 42,531.46
Payments to Life Interests	130.67	261.33
Treasurer's Payments From Funds and Miscellaneous	24,920.71	27,124.21
Provision for Depreciation	614,773.45**	575,740.34**
	$ 679,231.31	$ 645,657.34
Treasurer's Balance—Available for Expenses at Hospital	$3,087,181.47	$2,698,180.36
Hospital Excess of Expenses (See Page 126)	3,746,078.88	3,360,868.44
	$ 658,897.41	$ 662,688.08
Charged to Plant Capital-Depreciation	614,773.45	575,740.34
Deficit Withdrawn from General Fund Principal	$ 44,123.96	$ 86,947.74

* Includes United Community Services Allocations of $182,499.00 in 1956-7 and $187,156.00 in 1955-6.

** Provision for Depreciation based on allowable amount under certain third party reimbursements.

THE MASSACHUSETTS GENERAL HOSPITAL

McLEAN HOSPITAL
CONDENSED INCOME STATEMENT
(for fiscal year ending Sept. 30)

	1956-7	*1955-6*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 510.00	$ 605.00
Restricted	62,707.72	78,999.29
	$ 63,217.72	$ 79,604.29
INCOME FROM INVESTMENTS		
Unrestricted	$ 19,666.32	$ 26,958.99
Restricted	35,345.01	31,351.55
	$ 55,011.33	$ 58,310.54
OTHER INCOME		
From Trusts and Agents	$ 4,295.00	$ 4,510.00
Miscellaneous	0	1,833.58
	$ 4,295.00	$ 6,343.58
TOTAL	$122,524.05	$144,258.41
PAYMENTS FROM INCOME		
Added to Principal	$ 93.44	$ 80.80
Expenses Paid from Funds	2,035.00	20,470.28
	$ 2,128.44	$ 20,551.08
TREASURER'S NET RECEIPTS	$120,395.61	$123,707.33
HOSPITAL EXCESS OF EXPENSE	118,177.34	271,865.85
DEFICIT—WITHDRAWN FROM FUNDS		$148,158.52
PROFIT — ADDED TO FUNDS	$ 2,218.27	

GENERAL FUND

	Income	Principal
FOR ANY HOSPITAL PURPOSE		$145,166.57

GENERAL HOSPITAL FUNDS

	Income	Principal
FLORENCE M. AGOOS MEMORIAL FUND For developing and furthering medical research and scientific medical knowledge through research and teaching. Bequest of Solomon Agoos		$10,000.00
PHILIP R. AND ANNE L. ALLEN ENDOWMENT FUND ..... Income for any Hospital Purpose.		5,160.00
ANESTHESIA FUND ..... Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		31,257.53
MARTHA B. ANGELL FUND ..... For medical and surgical experimentation on animals to the end of saving human lives.		34,040.82
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND ..... "The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."	$ 2,059.34	8,050.00
JOHN ASHTON FUND ..... For diseased and wounded soldiers.		27,872.46
THE JOSEPH C. AUB FUND ..... Income to be spent for Cancer Investigation.	322.20	15,347.17
BAKER MEMORIAL FUND ..... For the Baker Memorial. Sundry Bequests.		103,102.34
BAKER MEMORIAL ASSISTANCE FUND ..... Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations. Bequest of Miss Carrie M. Jameson $5,601.20 Sundry Gifts 320.00	1,919.71	5,921.20
Carried forward	$4,301.25	$240,751.52

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$4,301.25	$240,751.52
LILLIAN DOBIE BALBONI MEMORIAL FUND Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best. Sundry Gifts.	2,374.75	35,199.17
ARTHUR W. BLAKE FUND Income for the study and cure of nervous diseases.	–387.41	25,000.00
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND Income for any Hospital purpose. Bequest of Mrs. George W. W. Brewster $5,000.00 Sundry Gifts 1,289.02		6,289.02
ANNIE BOLTON MATTHEWS BRYANT FUND Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		72,093.70
ARTHUR TRACY CABOT FUND Income for support of laboratories.		20,000.00
RICHARD C. CABOT FUND For educational purposes in connection with the work of the Social Service Department.		47,321.86
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service." Gift of American Association of Hospital Social Workers.	82.59	1,010.00
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION Income for salary of Surgical Pathologist. Gift of Samuel and Dr. Arthur T. Cabot.		10,000.00
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND Gifts of "Friends of the Hospital".	1,743.44	6,913.48
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		530,723.45
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
Carried forward	$8,114.62	$1,005,302.20

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$8,114.62	$1,005,302.20
CONNECTING BUILDING FUND Income for Connecting Building.	.01	10,000.00
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital		501,175.13
THE CUSHMAN FUND Income for the Social Service of the Hospital. Gift of Mrs. Charles F. Cushman.	413.75	5,000.00
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."	200.18	10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.		101,170.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine.	5,706.37	35,500.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."		20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	1,191.01	31,747.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16	2,971.42	66,164.36
EDWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards 391,447.56 Sundry Bequests 100.00		391,547.56
Carried forward	$18,597.36	$2,177,607.16

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$18,597.36	$2,177,607.16
JOHN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	4,052.24	20,114.22
ISABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
SARAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	270.55	1,398.42
FRANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.	2,335.86	25,000.00
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	7,531.44	4,263,134.47
GENERAL SURGERY FUND Income to be used for general surgery purposes under the direction of the Chief of General Surgery. Principal expendable in need.	1,121.35	32,866.55
MRS. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	661.46	1,000.00
ALLAN W. HAMILTON FUND For medical services in the Outpatient Department.		2,027.03
ABIGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.		10,000.00
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."		50,053.58
CHARLES W. HOLTZER FUND Income for general research work.		41,666.67
Carried forward	$34,570.26	$6,714,621.26

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$34,570.26	$6,714,621.26
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		4,158,452.34
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns.	3,004.78	11,550.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.		44,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	2,485.96	16,460.00
EMMA GILDERSLEEVE LANE FUND For cancer research, "preferring but not requiring that this legacy be kept as capital and only its income used for research in cancer."	2,065.43	20,000.00
THE MALLINCKRODT FUND Income only to be used for the support of the Mallinckrodt Ward (Ward 4) with limited discretion to the Trustees in case this support is no longer needed.		222,823.89
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	530.52	10,190.00
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	53.11	121.36
Carried forward	$42,710.06	$11,224,016.50

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$42,710.06	$11,224,016.50
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	114.39	500.75
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.		671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00	−71.98	4,080.53
THE MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	8,368.50	44,257.56
FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		30,000.00
FANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		711,320.97
FRANCIS A. NEWELL ENDOWMENT FUND Income to be used "for the most approved method of treating hip disease due to accident in indigent children."	1,740.50	50,000.00
Carried forward	$52,861.47	$12,742,176.46

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$52,861.47	$12,742,176.46
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.		68,278.57
ORTHOPEDIC WARD FUND Income for Orthopedic Ward. Sundry Gifts.		26,470.92
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	22.49	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.	57.21	3,428.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.	16,383.15	35,165.40
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,612.01	2,190.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.	433.10	21,051.38
Carried forward	$71,369.43	$13,037,491.12

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$71,369.43	$13,037,491.12
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		10,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
RESEARCH AND TEACHING FUND Income for research and teaching.		147,136.12
EDWARD PEIRSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	3,860.31	15,000.00
JOHN FYFFE RICHARDSON MEMORIAL FUND Income only to be spent by the Trustees on recommendation of the Chief of the Huntington Memorial Laboratories or the senior cancer investigator preferably for leukemia research or related areas of cancer research. 5% of income to be added to principal each year until the fund reaches $400,000.	2,000.47	27,203.16
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones $25,200.00 Dr. Edward P. Richardson 5,000.00 Mrs. Maurice Howe Richardson 5,000.00 Sundry Gifts 5,200.00	6,502.45	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson		276,141.62
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic.		10,389.90
WILLIAM MILTON ROSE, M.D., MEMORIAL FUND Income for the benefit of worthy needy persons.	308.93	44,766.46
MARY ELIZABETH SALTONSTALL FUND Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
Carried forward	$84,041.59	$14,068,641.72

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$84,041.59	$14,068,641.72
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		1,042,816.18
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	3,392.19	30,000.00
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	596.62	2,000.00
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service.		111,015.15
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.	1,198.92	345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	449.98	3,711.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00	1,161.25	6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	900.77	9,240.78
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
Carried forward	$91,741.32	$15,639,115.61

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$91,741.32	$15,639,115.61
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	1,593.70	3,450.00
TRAINING SCHOOL FOR NURSES FUND Income for Training School for Nurses. Sundry Gifts and Bequests.		40,037.92
TREADWELL LIBRARY FUND Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00	707.28	7,555.00
LAWRENCE TUCKER FUND So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.		429,753.01
UROLOGICAL PERIODICALS FUND Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.	210.87	1,000.00
FRANCES KNOWLES WARREN FUND Income for the General Purposes of the Hospital; principal available in emergency. Bequest of Mrs. George E. Warren.		30,000.00
WARREN LIBRARY FUND Income for books for patients. Sundry Gifts and Bequest.	1,525.41	5,067.19
DEPENDENCE S. AND WALTER B. WATERMAN FUND "Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		134,573.62
GEORGE ROBERT WHITE FUND To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs Harriet J. Bradbury $3,030,183.02 Sundry Gifts 3,657.50		3,076,853.72
GEORGE ROBERT WHITE FUND "Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		100,000.00
Carried forward	$95,778.58	$19,467,406.07

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$95,778.58	$19,467,406.07
DR. JAMES C. WHITE NEUROSURGICAL FUND Income to be added to principal until the fund reaches $5,000; thereafter 50% shall be added until the fund reaches $10,000; and thereafter 25% to $50,000. Income not so added to principal to be used in the interest and promotion of neurosurgery under the direction of Dr. James C. White.		721.83
GEORGE WIGGLESWORTH FUND Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		55,844.91
WOODEN LEG FUND Income for wooden legs and other devices for diseased and injured legs. Bequest of Nathaniel I. Bowditch $5,000.00 Sundry Gifts 2,600.00	1,288.43	7,600.00
TEMPORARY FUNDS Special Purposes Endowment Income Undistributed to Funds	2,111,697.55 215,610.32	
TOTAL GENERAL HOSPITAL FUNDS	$2,424,374.88	$19,531,572.81

BUILDING FUNDS

GENERAL BUILDING FUND For any construction.	4,747,293.37
AMBULATORY CLINIC BUILDING FUND For the construction of an Ambulatory Clinic.	322,127.90
SUNDRY FUNDS	1,286.49
TOTAL BUILDING FUNDS	$5,070,707.76

McLEAN HOSPITAL FUNDS

AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND Income for amusement, entertainment or occupation of patients. Sundry Gifts and Bequests.	$ 21,135.00
WENTWORTH HIGGINSON BARNEY FUND Income to be spent at the discretion of the Director. Gift of Dr. J. Dellinger Barney. $1,500.00 Income added 258.65	1,852.09
Carried forward	$ 22,987.09

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward		$22,987.09
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room.	$1,354.58	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,937.45
GENERAL FUND For any Hospital purpose.		119,113.68
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	893.59	4,077.20
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.		2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
TEMPORARY FUNDS		
Special Purposes	316,488.84	
Endowment Income Undistributed to Funds	7,929.44	
TOTAL McLEAN HOSPITAL FUNDS	$326,666.45	$811,666.34

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND ..... For the publication of a history of the Hospital. Bequest of N. I. Bowditch.		$ 2,000.00
BETTY DUMAINE FUND ..... To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		2,632.13
EYEGLASS FUND ..... Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND ..... "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	$ 3,229.50	15,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies'Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
MARY S. HOLBROOK FUND ..... Income payable to a life interest.		4,605.62
CHESTER MORSE JONES FELLOWSHIP FUND To establish a fellowship.		25,201.22
SARAH PROCTOR JOSLIN FUND ..... Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
FANNIE NEWELL SIMES FUND ..... Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING ENDOWMENT FUND ..... Income to be used as directed by vote of the Committee created under the Deed of Gift.		215,490.05
Carried forward	$ 3,229.50	$304,529.02

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$ 3,229.50	$304,529.02
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	1,844.80	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		8,301.23
TOTAL FIDUCIARY FUNDS	$5,074.30	$326,720.09

SUMMARY

Principal Funds	$25,885,833.57
Temporary Funds	2,756,115.63
Funds Invested in Plant	16,800,449.85
Director's Accounts	2,602,237.50
	$48,044,636.55
Gain	123,401.95
Funds	$48,168,038.50

Examination of Accounts

February 11, 1958

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

Sirs:

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1957 and the related income statements of the General Hospital and McLean Hospital for the period ended September 29, 1957 (52 weeks). Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The accompanying statements reflect a provision for depreciation in the amount of $614,773.45, based on a percentage of the patient care expenses of the General Hospital. This provision has been recorded in accordance with requirements of statutory authority pertaining to per diem reimbursement for hospital services rendered under contract with certain third party agencies. We are unable to render an opinion as to the adequacy of the provision for depreciation in relation to plant costs.

Under the terms of pension plans adopted by the hospital, benefits payable to employees compensated from general operating funds of the hospital will be charged against operations as such benefits are paid (to the extent of hospital contributions included therein). No provision has been made in the accompanying financial statements for the amount of the hospital's liability at September 30, 1957 for service benefits accruing to employees paid from general operating funds.

Subject to the exceptions noted above, in our opinion, the accompanying balance sheet and related income statements, with their supporting exhibits, present fairly the financial position of The Massachusetts General Hospital at September 30, 1957 and the results of its operations for the period ended at September 29, 1957 (52 weeks) in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period except as to McLean Hospital whose accounting was converted from a cash to an accrual basis as at October 1, 1956, with which change we concur.

We have made a test check of the charges to income funds for special purposes for the year ended September 30, 1957 (including income arising from principal funds), in respect of the General Hospital and McLean Hospital funds. Based upon such examination and our review of internal control maintained in relation to funds, it is our opinion that charges made against the above-mentioned funds were properly chargeable thereto.

Patterson, Teele & Dennis

GIFTS AND BEQUESTS 1956-57

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Mr. Stephen L. Bartlett	$ 90.03	
Mrs. Mary W. B. Curtis	5,000.00	
Mr. Samuel C. Howes	1,500.00	
Mr. Charles M. Keep	8,000.00	
Mr. Henry Levin	717.04	
Mr. Walter J. Noonan	4,793.13	
Mrs. John R. Post	5,000.00	
Dr. William T. Salter	569.37	
Mrs. Elizabeth R. Vaughan	286.00	
Mrs. H. Sylvia A. H. G. Wilks	24.14	
Miss Ella Yandell	400.00	$ 26,379.71
Gifts of		
Agoos Family Charity Fund	$ 250.00	
In Memory of Harold Aiken	10.00	
2 Anonymous Gifts	2,326.00	
Miss Mary B. Beaty	5.00	
In Memory of Elaine Breizer	25.00	
Dr. and Mrs. Bradford Cannon	298.88	
Mr. Philip P. Chase	50.00	
In Memory of Mrs. Marshall F. Cummings	10.00	
In Memory of Mr. Richard E. Danielson	10.00	
Deering Foundation	300.00	
Mr. H. L. Dorogoff	10.00	
Mr. and Mrs. Richard H. Erwin	5.00	
Mrs. Harris Fahnestock, Jr.	122.50	
In Memory of Robert Tileston Gannett	10,350.00	
Grosberg Family Charity Fund, Inc.	100.00	
In Memory of Mr. James C. Howe	50.00	
Mr. Daniel Klein	5.00	
Miss Edith Marr	.67	
Mrs. Henry A. Morss	50.00	
Raffi and Swanson, Inc.	100.00	
In Memory of Mr. Harold Ropes	5.00	
Mr. Harry Ruskin	5.00	
In Memory of Mr. Benjamin Shreve	25.00	
In Memory of Mr. Anson Smith	25.00	
Mr. Sumner Smith	700.00	
Mrs. George Stewart	1,086.75	
Mr. George W. Tiews	25.00	
Mrs. Lena Trager	1.00	
In Memory of Mrs. Donald Watson	357.00	
Mr. Mark Woodle	5.00	16,312.80
		$ 42,692.51

GENERAL HOSPITAL FUNDS

Fund No.		
1050	ARCHIVES FUND	
	Gift In Memory of Mr. and Mrs. W. V. Z. Wilson	50.00
	Carried forward	$ 42,742.51

	Brought forward		$ 42,742.51
1070	JOSEPH C. AUB FUND		
	Gifts of		
	Mr. and Mrs. Philip D. Armour	$ 10,400.00	
	In Memory of Mrs. Hannah Chester	2.00	
	In Memory of Mrs. Rebecca Freedman	1.00	
	In Memory of Mr. Leon Goldenbert	2.00	
	In Memory of Mrs. Sidney Orsack	5.00	
	Miss Eileen M. Weller	10.00	
	Mr. George Worthy	50.00	10,470.00
1080	BAKER MEMORIAL FUND		
	Bequests of		
	Miss Eunice McLellan Cruft	$ 5,934.18	
	Mr. Clarence O. Sherman	76,525.06	
	Gift of Mr. Peter Kuzminchuk	100.00	82,559.24
1120	LILLIAN DOBIE BALBONI MEMORIAL FUND		
	Bequest of Mr. Alfred Scaramelli	$ 120.00	
	Gifts of		
	Dr. Gerardo M. Balboni	100.00	
	Mr. Joseph Mamfre	5.00	225.00
1225	RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND		
	Gift of J. S. Canner & Co., Inc.		10.00
1290	MGH ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES		
	Gifts of		
	William E. Schrafft and Bertha E. Schrafft Charitable Trust	$ 16,000.00	
	Mr. Morris Simlovich	1,500.00	
	Mr. and Mrs. Richard P. Towne	500.00	18,000.00
1580	EMILY BEDFORD FOSDICK FUND		
	Gifts of		
	Dr. Joseph B. Rudnick	$ 10.00	
	Mr. James W. Welansky	200.00	210.00
1710	INCOME UNRESTRICTED FUNDS		
	SAMUEL APPLETON FUND		
	Bequest of Miss Maud E. Appleton		761.20
	HENRY CLAY JACKSON FUND		
	Gift of Trustees of Paul Wilde Jackson Trust		52,175.25
	MRS. SOPHIE K. ROUSMANIERE FUND		
	Bequest of Mrs. Sophie K. Rousmaniere		25,000.00
1770	DANIEL FISKE JONES MEMORIAL FUND		
	Gifts of		
	Mrs. Daniel Fiske Jones	$ 50.00	
	Mrs. J. Vaughan Merrick, III	50.00	100.00
1800	MARGERY AMORY KETCHUM MEMORIAL FUND		
	Gift of Anonymous		1,000.00
	Carried forward		$233,253.20

	Brought forward			$233,253.20
1950	THE MIXTER FUND			
	Gifts of			
	Anonymous	$	538.10	
	Benjamin Electrical Engineering Works, Inc.		100.00	
	In Memory of Mrs. Marie Benkley		5.00	
	Mrs. Charles S. Bird		100.00	
	In Memory of Mrs. Florence McCormack		30.00	
	Dr. Jost J. Michelsen		400.00	
	Mrs. William Jason Mixter		5,180.00	
	Mr. A. N. Murray		100.00	
	Mrs. Mixter Partridge		100.00	
	In Memory of Mr. Redfield Proctor		25.00	
	Mr. and Mrs. Thomas G. Spencer		100.00	
	Dr. James C. White		100.00	6,778.10
2180	JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND, INCOME FOR PHILLIPS HOUSE			
	Bequest of Mr. Fred H. Dow			500.00
2260	RESEARCH AND TEACHING ENDOWMENT FUND			
	Gift of Mass. Indemity and Life Insurance Co.			100.00
2360	WILLIAM MILTON ROSE, M.D. MEMORIAL FUND			
	Bequest of Mrs. Delia Florence Pray Rose			44,766.46
2510	STAFF MEMORIAL FUND			
	Gifts In Memory of Dr. Benjamin H. Ragle			125.00
2550	GEORGE N. TALBOT FUND			
	Gift of Dr. Fritz B. Talbot			217.00
2750	GEORGE ROBERT WHITE FUND			
	Bequest of Mrs. Harriet J. Bradbury			43,013.20
2815	UNRESTRICTED FREE BED FUNDS			
	RUDOLPH WELD MEMORIAL FREE BED FUND			
	Gift of Mrs. Rudolph Weld			876.25
2830	DILLINGHAM FREE BED FUND—RESTRICTED			
	Bequest of Miss Isabella W. Dillingham			4.50
2910	CONVALESCENT HOSPITAL FUND			
	Bequest of Miss Eva Rose Ayers	$	6,903.32	
	Gifts of			
	Trustees u/w Mrs. Helen O. Storrow		2,850.00	
	In Memory of Mrs. John Dabney		25.00	9,778.32
				$339,412.03

BUILDING FUNDS

	AMBULATORY CLINIC BUILDING FUND			
	Gifts of			
	Mr. and Mrs. John Adams	$	100.00	
	Mrs. William T. Aldrich		100.00	
	Carried forward	$	200.00	$339,412.03

Brought forward	$ 200.00	$339,412.03
Mrs. Edward B. Alford	100.00	
Mrs. Frank G. Allen	100.00	
Mr. Stephen G. Allen	500.00	
Mr. John S. Ames, Jr.	150.00	
Mr. and Mrs. O. Kelley Anderson	100.00	
6 Anonymous Gifts	24,223.75	
Mr. Allen J. Ash	100.00	
Miss H. Marguerite Atwood	100.00	
Mr. Charles F. Ayer	250.00	
Mr. and Mrs. Charles F. Ayers	100.00	
Mr. and Mrs. Bart W. Baird	100.00	
Mr. and Mrs. Robert Baldwin	100.00	
Mr. and Mrs. Walter L. Barker	250.00	
Rt. Rev. Robert P. Barry	100.00	
Dr. and Mrs. Marshall K. Bartlett	100.00	
Mr. Sidney W. Bartlett	100.00	
Dr. and Mrs. Walter Bauer	250.00	
Bay State Abrasive Products Company	1,000.00	
Mr. and Mrs. James C. Bayley	100.00	
Mrs. Arthur W. Bell	100.00	
Mr. Alan C. Bemis	100.00	
Mr. E. Bentley	250.00	
Emile Bernat & Sons Company	100.00	
The Frank Stanley Beveridge Foundation	100.00	
Mr. R. W. Bird	200.00	
Dr. H. I. Bixby	100.00	
Mrs. Taylor Black	100.00	
The Blanchard Foundation	1,000.00	
The Blanchard Machine Company	100.00	
Mrs. Thomas H. Blodgett	100.00	
Miss Sarah F. Bremer	100.00	
Mr. and Mrs. John D. Bremer, Jr.	100.00	
Mr. Alexander H. Bright	100.00	
Brockway-Smith-Haigh-Lovell Company	250.00	
Mr. Gorham Brooks	100.00	
Mr. and Mrs. George R. Brown	100.00	
Dr. Thornton Brown	100.00	
Dr. Nancy L. R. Bucher	200.00	
Mr. and Mrs. Francis V. Bulfinch	100.00	
Mr. and Mrs. John M. Bullard	500.00	
Miss Nina H. Burnham	100.00	
Burroughs Corporation	100.00	
Mrs. Charles S. Butler	100.00	
Mr. and Mrs. David H. Buttrick	200.00	
Mrs. Henry B. Cabot	100.00	
Mr. and Mrs. Paul C. Cabot	100.00	
Dr. Bradford Cannon	100.00	
Mr. F. M. Carhart	100.00	
Mr. and Mrs. Houghton Carr	200.00	
Dr. J. J. Carroll	100.00	
Mr. and Mrs. Lyndall F. Carter	1,500.00	
Mr. and Mrs. Theron E. Catlin	100.00	
Mr. Carey J. Chamberlin	200.00	
Mr. and Mrs. E. Barton Chapin	200.00	
Miss Alice P. Chase	100.00	
Carried forward	$ 35,223.75	$339,412.03

Brought forward	$ 35,223.75	$339,412.03
Mr. and Mrs. John P. Chase	100.00	
Frederick C. Church Foundation	1,000.00	
Mr. and Mrs. Eugene H. Clapp, II	100.00	
Mrs. B. Preston Clark	100.00	
Mrs. Harriot F. Clark	200.00	
Mr. and Mrs. Nathaniel Clark	200.00	
Mr. Parker Converse	100.00	
Mrs. James E. Cooper	300.00	
Mr. and Mrs. Charles E. Cotting	200.00	
Mr. and Mrs. William C. Cox	100.00	
Dr. John D. Crawford	300.00	
Rev. and Mrs. John Crocker	100.00	
Mr. John T. Croghan	100.00	
Mrs. F. B. Crowninshield	100.00	
Mrs. Alan Cunningham	100.00	
Mrs. Stanley Cunningham	100.00	
Miss Frances G. Curtis	100.00	
Mr. Laurence Curtis	100.00	
Mr. and Mrs. Louis Curtis	100.00	
Mr. Harold G. Cutler	100.00	
Mr. John W. Davies	200.00	
Mrs. James Dean	100.00	
Dr. Gordon A. Donaldson	200.00	
Miss Nona M. Dougherty	100.00	
Mr. William B. Durant	100.00	
Mr. and Mrs. Marshall Dwinnell	100.00	
The Eastern Company	200.00	
The Eaton Foundation	150.00	
Mr. David F. Edwards	170.00	
Dr. Daniel S. Ellis	100.00	
The Ellison Foundation	100.00	
Mrs. Frances W. Emerson	500.00	
Mr. and Mrs. Frederick A. Eustis	1,000.00	
Mr. Albert P. Everts	100.00	
Mr. Wallace Falvey	100.00	
First National Stores, Inc.	1,000.00	
Mr. Joseph Fishman	100.00	
Mr. Frederick C. Fletcher	100.00	
Mrs. Alexander Forbes	100.00	
The Ford Foundation	125,000.00	
Mrs. James O. Foss	100.00	
Miss Edith M. Fox	100.00	
Mr. Isidor Fox	250.00	
Miss Marion Fox	300.00	
Dr. and Mrs. Chester N. Frazier	100.00	
Mrs. William Tudor Gardiner	100.00	
Mr. and Mrs. G. Peabody Gardner	500.00	
Mr. and Mrs. John L. Gardner	100.00	
Garland Knitting Mills	100.00	
Mr. and Mrs. Emerson G. Gaylord	1,000.00	
General Radio Company	500.00	
The General Thread Mills, Inc.	100.00	
The Gillette Company	2,000.00	
Mr. Hollis T. Gleason	100.00	
Carried forward	$173,693.75	$339,412.03

Brought forward	$173,693.75	$339,412.03
Mr. and Mrs. Frederic Gooding	100.00	
Mr. Arthur M. Goodridge	100.00	
Mr. David H. Greenberg	250.00	
Mr. Jacob Grossman	100.00	
Mr. and Mrs. Joseph G. Grossman	100.00	
Mrs. Helen D. Grozier	100.00	
Mr. Elmer J. Halberg	500.00	
Mr. Henry S. Hall, Jr.	500.00	
Mrs. John L. Hall	200.00	
Mr. Robert H. Hallowell	100.00	
Dr. Edward Hamlin, Jr.	100.00	
Mr. and Mrs. Donald F. Harding	100.00	
Mr. Joel D. Harvey	100.00	
Mr. and Mrs. B. Howard Henderson	100.00	
Governor and Mrs. Christian A. Herter	200.00	
Mrs. Frederick W. Hilles	100.00	
Mr. and Mrs. W. H. Holcombe	100.00	
Mr. and Mrs. Harvey P. Hood	2,000.00	
Mrs. Roger F. Hooper	100.00	
Mr. and Mrs. Franklin P. Horton	100.00	
Miss Dorothy L. Hovey	100.00	
Mr. John Mead Howells	100.00	
Mr. and Mrs. David H. Howie	100.00	
Mrs. Llewellyn Howland	250.00	
Mr. Alexander Hoyle	100.00	
Ralph K. Hubbard Foundation, Inc.	500.00	
Mr. and Mrs. Arnold W. Hunnewell	1,000.00	
Mr. Francis Welles Hunnewell	500.00	
Miss Louisa Hunnewell	2,000.00	
Mr. Walter Hunnewell, Jr.	100.00	
Mr. Willard P. Hunnewell	100.00	
Mr. and Mrs. G. Newell Hurd	700.00	
Mr. Charles L. Hutchinson	150.00	
International Equipment Company	200.00	
Kenneth L. Isaacs Charitable Foundation	100.00	
Mr. Philip Isles	100.00	
Mr. and Mrs. Henry B. Jackson	100.00	
Mrs. James Jackson	200.00	
Mr. and Mrs. James Jackson, Jr.	100.00	
Miss May L. Jacobs	100.00	
Mr. and Mrs. William Jacobson	100.00	
Jeppson Memorial Fund	1,000.00	
Mr. Paul Jones	125.00	
Mr. Mark R. Jouett	570.94	
Mr. and Mrs. Shaun Kelly	500.00	
Mr. and Mrs. Henry P. Kendall	100.00	
Mr. and Mrs. William T. King	100.00	
Mr. and Mrs. Henry W. Kneeland	100.00	
The A. D. L. Foundation	500.00	
Mr. Raymond W. Lapham	100.00	
Louis and Tess Laven Foundation	100.00	
Mrs. James Lawrence, Jr.	150.00	
Mr. Stanley H. Lawton	300.00	
Mrs. Lucy B. Lemann	100.00	
Mr. Harold M. Lewis	100.00	
Carried forward	$189,289.69	$339,412.03

Brought forward	$189,289.69	$339,412.03
Mr. William B. Long	250.00	
Mrs. John H. Love	500.00	
Mr. Joseph A. Lowe	500.00	
Mrs. Charles B. Manning	500.00	
Marlboro Wire Goods Company	100.00	
Mr. and Mrs. Philip R. Mather	2,000.00	
Mr. William T. Maybury	100.00	
Mr. Robert W. Maynard	100.00	
Mr. Lindsley McChesney	100.00	
Mr. and Mrs. John P. McQueen	100.00	
Mr. Augustus Gardner Means	291.88	
Dr. and Mrs. J. H. Means	100.00	
Meigs Associates	300.00	
Mrs. Edwards B. Meigs	100.00	
Metal Fabricators Corporation	100.00	
Mr. Henry Hixon Meyer	100.00	
Mrs. Valerie Veasey Miller	100.00	
Mr. and Mrs. Joseph R. Minevitch	100.00	
Mr. and Mrs. Henry W. Minot	100.00	
George W. Mitton Memorial Foundation	500.00	
Mr. and Mrs Donald Moffat	100.00	
Mr. and Mrs. John A. Moir	100.00	
Morgan - Worcester, Inc.	500.00	
Mrs. John H. Morse	100.00	
Mr. and Mrs. Sherman Morss	100.00	
Morton's, Inc.	100.00	
Mr. B. P. P. Moseley	100.00	
Mr. and Mrs. J. Lothrop Motley	100.00	
Mr. and Mrs. George S. Mumford	500.00	
Mrs. Adnah Neyhart	100.00	
Northern Steel, Inc.	100.00	
Mr. and Mrs. George Olmsted, Jr.	250.00	
Mrs. John B. Paine	100.00	
Mr. Robert Treat Paine	100.00	
Mr. and Mrs. Stephen Paine	500.00	
Amelia Peabody Foundation	5,000.00	
Mrs. Arthur Perry, Jr.	150.00	
Mr. Donald P. Perry	100.00	
Mrs. Sherman Perry	100.00	
Mrs. Charles H. Pettit	1,000.00	
Mr. Sanford F. Petts	100.00	
Mr. and Mrs. Dudley L. Pickman, Jr.	100.00	
The Pittsburg & Shawmut Railroad Company	1,000.00	
Mr. Arthur K. Pope	100.00	
Mrs. John R. Post	200.00	
Mr. and Mrs. H. Glenn Powning, Jr.	100.00	
Mr. and Mrs. Edwin Pratt	250.00	
Mrs. Roger Preston	100.00	
Mr. & Mrs. Carlos Prio Socarros	1,000.00	
Reed and Barton Corporation	500.00	
Mr. and Mrs. Paul F. H. Reichert	100.00	
Mr. and Mrs. Harrison G. Reynolds	100.00	
Mr. Elliot Richardson	500.00	
Dr. George S. Richardson	100.00	
Carried forward	$208,781.57	$339,412.03

Brought forward	$208,781.57	$339,412.03
Mr. and Mrs. John Richardson	100.00	
Miss Mabel Louise Riley	2,500.00	
Mr. and Mrs. Dwight P. Robinson, Jr.	500.00	
Mr. Fred N. Robinson	500.00	
George Rockwell Foundation	100.00	
Dr. and Mrs. Grant V. Rodkey	300.00	
Mrs. Richard M. Saltonstall	1,000.00	
Mr. Louis Savage	100.00	
Mr. and Mrs. Carl N. Schmalz	100.00	
Mrs. Hugh D. Scott	519.94	
Miss Evelyn G. Sears	100.00	
Security Mills, Inc.	100.00	
H. J. Seiler Company	100.00	
Mr. and Mrs. Oscar M. Shaw	100.00	
Mr. and Mrs. Winthrop L. Sheedy	100.00	
Miss Edith M. Shepard	100.00	
Mr. and Mrs. Henry R. Shepley	1,000.00	
Mr. and Mrs. Richard W. Simmers	500.00	
Mr. Everett Singer	100.00	
A. L. Smith Iron Company	200.00	
Dr. and Mrs. Clement A. Smith	250.00	
Dr. George V. Smith	200.00	
Miss Mary Byers Smith	500.00	
Mr. J. R. Snider	100.00	
Mrs. William B. Snow	100.00	
Mrs. Willard B. Soper	100.00	
Mr. John F. Spence	100.00	
Sprague Electric Company	2,500.00	
Mr. Robert H. Stevenson	300.00	
Mr. Gilbert L. Steward	100.00	
Mr. Robert G. Stone	1,000.00	
Mrs. Malcolm Strachan	3,000.00	
Mr. and Mrs. John O. Stubbs	191.38	
Suffolk Grocery Company, Inc.	100.00	
Dr. Channing S. Swan	100.00	
Mrs. George H. Swift	1,000.00	
Dr. and Mrs. Augustus Thorndike	100.00	
Mrs. Walter P. Tobey	100.00	
The Top Company	100.00	
Miss Elizabeth Townsend	200.00	
The Tredennick-Billings Company	100.00	
Mr. and Mrs. Howard M. Turner	100.00	
Dr. Howard Ulfelder	200.00	
Mrs. William J. Underwood	200.00	
United Elastic Foundation	250.00	
Miss Marian W. Vaillant	118.38	
Mr. and Mrs. John W. Valentine	100.00	
Dr. Beth Vincent	500.00	
Mrs. Guy Waring	100.00	
Mr. and Mrs. A. P. Weitzel	200.00	
Dr. and Mrs. Claude E. Welch	500.00	
Mr. and Mrs. Walter W. Weld	100.00	
Carried forward	$229,611.27	$339,412.03

Brought forward	$229,611.27	$339,412.03
Mr. and Mrs. Richard S. West	100.00	
Mr. and Mrs. B. F. Whalen	100.00	
Mr. and Mrs Leeds A. Wheeler	200.00	
Mr. and Mrs. Charles P. White	100.00	
Mr. and Mrs. James N. White	100.00	
The Whitinsville Foundation	250.00	
Whitinsville Spinning Ring Company	750.00	
Mr. P. W. Whittemore	100.00	
Mr. Robert G. Wiese	106.00	
Mr. and Mrs. Ben L. Wilson	100.00	
Mr. George L. Wrenn, 2nd	200.00	
Mr. Henry A. Yeomans	100.00	
*2,537 Donations of under $100.00	29,336.03	261,153.30

GENERAL BUILDING FUND

Gifts of

Agoos Family Charity Fund	$ 250.00	
Dr. and Mrs. Henry F. Allen	1,093.50	
Mr. Stephen G. Allen	600.00	
American Cleaning Company	100.00	
4 Anonymous Gifts	5,739.38	
Mr. and Mrs. David Arnold	500.63	
Mrs. Vincent R. Bailey	100.00	
Mr. and Mrs. Edward L. Bigelow, Jr.	300.00	
Mr. Harry J. Blake	225.00	
Mr. and Mrs. Henry M. Bliss	945.00	
Mr. Abraham Blustein and Mr. Harry Brown	100.00	
Boston Insulated Wire & Cable Company	500.00	
Boston Linotype Print, Inc.	100.00	
Mr. and Mrs. Lloyd D. Brace	1,481.25	
Brandegee Charitable Foundation	225.00	
Mrs. Dorothy Paine Brayton	1,101.55	
Buck Printing Company	250.00	
Mrs. Thomas B. Card	507.88	
Mr. and Mrs. William H. Claflin	4,200.00	
Mr. and Mrs. Eugene H. Clapp, II	100.00	
Mrs. Robert J. Clark	100.00	
Dr. and Mrs. George H. Clowes and Mr. Allen W. Clowes	100.00	
Mrs. Jane B. Cochran	100.00	
Colonial Management Associates	526.63	
Mr. T. Jefferson Coolidge	20,000.00	
The Cornerstone Charitable Foundation	500.00	
Charles M. Cox Trust	100.00	
Mr. Thomas A. Crimmins	100.00	
Mr. and Mrs. Edward Cunningham	100.00	
Mrs. Stanley Cunningham	100.00	
Fred L. Daggett Charitable Trust	200.00	
Davies, Rose & Company, Limited	500.00	
Dewey and Almy Chemical Company	500.00	
Miss Louise I. Doyle	500.00	
Mr. J. Wells Farley	300.00	
Carried forward	$ 42,145.82	$600,565.33

Brought forward	$ 42,145.82	$600,565.33
Trustees u/w of Eugene F. Fay	200.00	
Mr. William Ferguson	1,058.00	
First Boston Corporation	1,000.00	
Mr. Donald B. Fleming	165.00	
Dr. James L. Gamble	460.63	
Mrs. Frederic S. Goodwin	200.00	
Barnett D. Gordon Family Foundation	100.00	
Mr. and Mrs. John L. Grandin, Jr.	145.00	
Mr. Reginald Gray	4,418.75	
Grosberg Family Charity Fund, Inc.	200.00	
Mr. Joel D. Harvey	100.00	
Mr. Francis W. Hatch	100.00	
Mr. and Mrs. Harold L. Hazen	240.00	
Mr. Francis L. Higginson	500.00	
Mr. Frederick W. Hill	100.00	
Mr. and Mrs. H. D. Hodgkinson	101.44	
The Hopedale Foundation	2,500.00	
Mr. William P. Husband, Jr.	500.00	
Mr. Elmer C. Ingraham	1,000.00	
Kenneth L. Isaacs Charitable Foundation	100.00	
Mr. T. E. Jewell	100.00	
Mr. Anders Jordahl	100.00	
Kidder, Peabody & Company	500.00	
Kimbell Foundation, Inc.	250.00	
Mr. Benjamin Kulp	100.00	
Mr. George Lewis	100.00	
The Agnes Lindsay Trust	5,000.00	
Mrs. William D. Littlefield	100.00	
Mr. and Mrs. Ralph Lowell	1,000.00	
Mr. Max Lowenthal	100.00	
Marlborough Laboratories	200.00	
Mrs. George H. May	100.00	
Mrs. Edward B. Meigs	100.00	
The Merrill Lynch, Pierce, Fenner & Beane Foundation, Inc.	100.00	
Mrs. Sherburn M. Merrill	8,000.00	
The James Jackson and Miriam Sears Minot Family Foundation	100.00	
Dr. and Mrs. William Jason Mixter	100.00	
Mr. and Mrs. Sherman Morss	100.00	
Mr. Warren Motley	100.00	
New England Electrotype Company	465.00	
Mr. James H. Orr	200.00	
Mrs. William A. Parker	1,065.00	
Penn Metal Company, Inc.	500.00	
Dr. and Mrs. Philip Phillips	1,556.25	
Mrs. W. Elliott Pratt, Jr.	294.38	
Mrs. Lewis I. Prouty	1,500.00	
A. C. Ratshesky Foundation	500.00	
Mr. J. Preston Rice	378.81	
Carried forward	$ 78,044.08	$600,565.33

Brought forward	$ 78,044.08	$600,565.33
Mr. and Mrs. Russell Robb	563.00	
Dr. and Mrs. Horatio Rogers	1,500.00	
Mr. Fortunato d'Almeida Santos	100.00	
Mr. and Mrs. Donald Scott	150.00	
Dr. and Mrs. George C. Shattuck	500.00	
Sheraton Foundation, Inc.	200.00	
Mr. William D. Sohier	1,000.00	
Nathaniel and Elizabeth P. Stevens Foundation	25,000.00	
Mr. and Mrs. Raymond Stevens	100.00	
Mrs. Philip Stockton	501.20	
Stowe-Woodward, Inc.	200.00	
Mr. E. Kent Swift	557.50	
Dr. Henry C. Thacher	100.00	
Mr. Samuel J. Tomasello	100.00	
United Carr Fastener Corporation	1,000.00	
U. S. Public Health Service Department of Health, Education and Welfare Division of Research Grants	120,045.00	
Mrs. H. D. Van Riper	100.00	
Mr. Edgar Ward	100.00	
Trustees of the Edwin S. Webster Foundation	5,000.00	
Albert B. Wells Family Trusts	500.00	
Mr. Charles H. Whitney	100.00	
White, Weld & Company	300.00	
Mr. and Mrs. Thomas B. Williams	200.00	
Mrs. Frederick Winsor	1,500.00	
Mr. George L. Wrenn, 2nd	200.00	
*500 Donations of under $100.00	4,418.00	242,078.78

McLEAN HOSPITAL FUNDS

Fund No.		
45	FREE BED FUNDS Gift of Trustees of the Charles Robert Gens Foundation	100.00

FIDUCIARY FUNDS

CHESTER MORSE JONES FELLOWSHIP FUND Gift of Sarah G. McCarthy Memorial Foundation	2,000.00
MGH SCHOOL OF NURSING ENDOWMENT FUND Gift of Anonymous Donor	20.00
TOTAL PRINCIPAL FUNDS	$844,764.11

INCOME FUNDS

General Hospital Funds

Treasurer's Funds

ANNUAL FREE BED FUND

Mrs. William H. Ames	$ 200.00	
1 Anonymous Gift	200.00	
Mr. and Mrs. Nelson S. Bartlett	100.00	
Mrs. Taylor Black	500.00	
Mrs. Robert Bruce	3.65	
Mr. and Mrs. Louis Curtis	100.00	
Miss Mary Curtis	100.00	
Mrs. Malcolm Donald	100.00	
Mr. and Mrs. Francis C. Gray	400.00	
Mr. John G. Greene	100.00	
Mrs. Richard W. Hale	100.00	
Mrs. James M. Hunnewell	100.00	
In Memory of Mr. James M. Hunnewell		
Mrs. James Jackson	100.00	
Mr. Henry P. King	100.00	
Miss Aimee Lamb	1,000.00	
Mr. and Mrs. Ralph Lowell	200.00	
In Memory of John Lowell 1816-1820 John Amory Lowell 1843-1851 John Lowell 1856-1870 John Lowell 1910-1922 Trustees of The Massachusetts General Hospital		
Mr. and Mrs. Samuel Mixter	250.00	
Dr. and Mrs. William Jason Mixter	100.00	
Mr. and Mrs. Henry A. Morss, Jr.	200.00	
Mr. and Mrs. William A. Parker	800.00	
1916 Sewing Circle	100.00	
Mr. and Mrs. Malcolm B. Stone	100.00	
Mrs. Rudolph Weld	200.00	
In Memory of Mr. Rudolph Weld		
Women's Italian Club of Boston	100.00	$ 5,253.65

CURRENT EXPENSE FUND

Bequest of Miss Caroline E. Chickering	$ 7,033.34	
Committee of the Permanent Charity Fund, Inc.	17,000.00	
Mrs. William C. Cox	288.25	
Bequest of Mr. Clarence G. Croll	185.00	
Mrs. Gardiner H. Fiske	500.00	
Bequest of Mr. James O. Graves	101.83	
Mrs. W. A. Seifert, Sr.	200.00	
Dr. D. Kirk Spitler	30.00	
William Underwood Company	150.00	
United Community Services	178,749.00	204,237.42
Carried forward		$209,491.07

Brought forward		$209,491.07
THE CHARLES W. BROWN, JR. MEMORIAL FUND		
Gift of The Charles W. Brown, Jr. Memorial Foundation		1,250.00
CHAIN LETTER FUND		
2 Gifts		6.00
CUSHMAN FUND FOR SOCIAL SERVICE		
Gift of Mrs. Charles F. Cushman		25.00
CHESTER M. JONES PORTRAIT FUND		
Gifts of Sundry Donors		5,161.50
KAYPE FUND		
2 Anonymous Gifts		2,000.00
MACOMBER MEMORIAL FUND		
Gift of Mr. Archibald R. Graustein		100.00
MISCELLANEOUS FUNDS		
Gifts of:		
Anonymous	$ 500.00	
Mrs. David B. Arnold	20.00	520.00
		$218,553.57

Funds For Special Purposes

ANESTHESIA DEPARTMENT		
Fund No.		
3009	U.S. Public Health Service Fund for Study of Relationship of Personality to Effects of Certain Drugs u/d Dr. Beecher	15,505.00
3024	National Academy of Sciences Fund for Analgesic Potency Studies of Post-operative Patients u/d Dr. Beecher	8,153.80
3030	Mallinckrodt Chemical Works Fund for Research in Anesthetics u/d Dr. Beecher	10,294.00
3038	Massachusetts Heart Association Fund for Studies of Hemodynamic and Metabolic Interrelationship of Hormones and Steroids u/d Dr. Brewster	7,084.50
3056	Ayerst Laboratories Fund for Study of Effect of Estrone Sulfate on the Bleeding Defects Encountered during Surgery u/d Dr. McGovern	1,465.75
BIOCHEMISTRY RESEARCH LABORATORY		
3186	American Cancer Society Fund for Study of Enzymes Responsible for Transfer of Phosphate among Phosphorylated Nucleosides u/d Dr. Gregory	3,825.75
3256	Rockefeller Foundation Fund for Research u/d Dr. Lipmann	10,147.94
Carried forward		$275,030.31

	Brought forward		$275,030.31
BLOOD BANK			
3300	Sundry Gifts for Support of Blood Bank		
	American Austrian Benefit Association		15.00
BRAIN WAVE LABORATORY			
3345	Grass Instrument Company Fund for Support of an Electronic Technician u/d Dr. Schwab		2,860.00
3355	Allen P. & Josephine B. Green Foundation Fund for Support of Clinical Investigations of Patients with Parkinson's Disease u/d Dr. Schwab		10,000.00
3375	Neuropharmacological Research Fund		
	American Cyanamid Company	$ 1,500.00	
	Ayerst Laboratories	1,625.00	
	Burroughs Wellcome & Co. (USA), Inc.	1,375.00	
	Ciba Pharmaceutical Products, Inc.	1,600.00	
	Cutter Laboratories	1,812.50	
	Hoffman-LaRoche, Inc.	3,000.00	
	Parke, Davis & Company	5,000.00	
	Sandoz Chemical Works, Inc.	1,640.63	
	Smith, Kline & French Laboratories	2,500.00	
	Sterling-Winthrop Research Institute	1,750.00	
	The Upjohn Company	2,500.00	
	Warner-Chilcott Laboratories	2,500.00	26,803.13
3385	Sundry Gifts for Research in Parkinson's Disease u/d Dr. Schwab		
	139 Sundry Donors		8,255.35
3410	Myasthenia Gravis Foundation Fund for Research u/d Dr. Schwab		
	In Memory of Philip Berkovitz	$ 3.00	
	Mr. and Mrs. Lawrence W. Burke	10.00	
	Mrs. Robert Fleishman	3.00	
	In Memory of Miss Evelyn H. Gale	5.00	
	Mrs. Catherine Greene	5.00	
	The Myasthenia Gravis Foundation, Inc.	2,500.00	2,526.00
CANCER RESEARCH			
3450	MGH Cancer Research Fund		
	In Memory of Mr. Simon England	$ 200.00	
	Mr. Joseph Ford	250.00	
	Mrs. Annie Kates	10.00	
	Bequest of Mr. William N. Patten	18,900.00	19,360.00
3477	American Cancer Society Fund for Cancer Research u/d Dr. Hoagland		98,389.92
3478	American Cancer Society Fund for Cancer Research u/d Dr. Sohier, Jr.		19,000.00
3515	Sundry Gifts for Cancer Research u/d Research Committee		
	In Memory of Mrs. Augustus H. Eustis	$ 1,333.00	
	Bequest of Miss Florence V. Evans	1,000.00	2,333.00
	Carried forward		$464,572.77

	Brought forward	$464,572.77
3561	U.S. Public Health Service Fund for a Research Training Grant u/d Drs. Zamecnik and Churchill	50,382.00
3576	U.S. Public Health Service Fund for a Fellowship for Dr. Alden V. Loud u/d Dr. Aub	500.00
3586	U.S. Public Health Service Fund for a Research Training Grant u/d Drs. Zamecnik and Churchill	16,143.00
3609	American Cancer Society Fund for Study of Purines and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik	4,800.00
3614	American Cancer Society Fund for Research in the Countercurrent Distribution of Urinary Steroids in Cancer u/d Dr. Engel	11,412.75
3617	U.S. Public Health Service Fund for Study of Enzymatic Mechanism of Protein Synthesis in Animal Tissue u/d Dr. Hoagland	7,290.00
3630	The Dean Welfare Trust Fund to Supply Special and Unusual Medicines for Huntington Patients	100.00
3656	Jane Coffin Childs Memorial Fund for Research on Urinary Steroid Metabolites in Cancer u/d Drs. Engel and Baggett	16,760.00
3661	Joseph C. Aub Lectureship Fund Dr. Sidney Farber	50.00
3703	American Cancer Society Fund for Spectroscopic Investigation of Molecular Interaction in Compounds of Biological Importance u/d Dr. Scott	3,750.00
3715	Ira T. Nathanson Memorial Fund for Cancer Research u/d Dr. Aub Mrs. James J. Cullen	5.00
3721	American Cancer Society Fund for Research on Steroid Hormone Enzyme Interactions u/d Dr. Engel	3,805.50
3772	U.S. Public Health Service Fund for a Study of Ferritin and Hemin Synthesis u/d Dr. Loftfield	3,349.08
3773	U.S. Public Health Service Fund for a Study of Ferritin and Hemin Synthesis u/d Dr. Loftfield	10,764.00
3792	U.S. Public Health Service Fund for Comparison on Surfaces of Normal and Cancer Cells u/d Dr. Aub	26,536.00
	Carried forward	$620,220.04

	Brought forward		$620,220.04
3815	American Cancer Society Fund for Study of Nucleic Acid-Protein Interrelationships in Neoplastic Tissue u/d Dr. Zamecnik		8,625.00
3847	American Cancer Society (Mass. Div.) Fund for Study of Cell Surfaces of Tumors u/d Dr. Aub		5,563.75
3870	Sundry Gifts for Cancer Research u/d Dr. Zamecnik		
	In Honor of Dr. Joseph Aub	$ 100.00	
	In Memory of Mrs. Arthur Bazer	10.00	
	Miss Minerva Bravman	5.00	
	In Memory of Mr. George Carter	26.20	
	In Memory of Mr. and Mrs. Percival Chittenden	100.00	
	In Memory of Mrs. Ruth Conly	13.00	
	In Memory of Mrs. Clodoveo Conti	12.00	
	In Memory of Mr. George H. Crosbie	10.00	
	In Memory of Miss Rebecca Frye	1.00	
	In Memory of Mr. Frank E. Gage	15.00	
	In Memory of Mrs. Lena Ginsburg	5.00	
	In Memory of Mrs. Jennie Goose	5.00	
	In Memory of Mrs. Edith Greenberg	5.00	
	In Memory of Mr. Henderson Inches	100.00	
	In Memory of Mr. Charles A. Kenrick, Jr.	320.25	
	In Memory of Mrs. Bertha Kennedy	5.00	
	Mr. Thomas J. King	2.50	
	In Memory of Miss Evelyn McDonald	3.00	
	In Memory of Mrs. Mary Mulcahy	25.00	
	In Memory of Mrs. Edith A. Murray	100.00	
	In Memory of Mrs. John F. X. O'Brien	26.00	
	In Memory of Mrs. Sarah Rosenberg	5.00	
	In Memory of Mr. Artelio Scarfo	5.00	
	In Memory of Mrs. Donald W. Shaw	6.00	
	Mr. Louis Shindler	3.00	
	Miss Florence Silverman	10.00	
	In Memory of Mr. William W. Smith	25.00	
	In Memory of Miss Esther Tensor	1.00	
	Mr. Frank Testa	3.00	
	In Memory of Mrs. George M. Thompson	10.00	
	In Memory of Mr. Vincenzo Tordiglione	10.00	
	In Memory of Mr. and Mrs. Alex Verrette	100.00	
	In Memory of Miss Viden	4.61	
	In Memory of Mr. Emlyn Vose	55.00	
	In Memory of Mr. Harold Eaton White	20.00	
	In Memory of Mrs. Madeline B. Wilson	100.00	1,228.56
3876	American Cancer Society Fund for Study of Purine and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		3,435.00
3907	U.S. Public Health Service Fund for Research on Histochemistry of Uncontrolled Cell Growth u/d Dr. Scott		25,577.57
	Carried forward		$664,649.92

	Brought forward		$664,649.92
3918	U.S. Public Health Service Fund for Study of Cytoplasmic Factors in Cellular Growth u/d Dr. Bucher		20,542.42
3924	Atomic Energy Commission Fund for a Biochemical Study of the Effects of Radiation u/d Dr. Zamecnik		54,435.00
4123	American Cancer Society (Mass. Div.) Fund for Salary of Research Secretary u/d Dr. Kelley		4,623.00
4200	Sundry Gifts for the Tumor Clinic		
	Mr. Enos Haskell		5.00
DENTAL DEPARTMENT			
4250	Sundry Gifts for the Dental Clinic		
	Mr. Francis L. Higginson, Jr.		200.00
DERMATOLOGY SERVICE			
4310	Reheis Company Fund for Study of the Effect of Antiperspirants on the Skin u/d Dr. Blank		8,125.00
4415	Dr. G. Marshall Crawford Memorial Fund for Research u/d Dr. Frazier		
	In Memory of Miss Sunie E. Shaw	$ 81.00	
	Dr. John L. Fromer	25.00	106.00
4437	Edwin S. Webster Foundation Fund for Fellowship for Dr. Laszlo L. Fekete u/d Dr. Frazier		5,000.00
4461	American Cancer Society Fund for Fellowship for Dr. R. D. Griesemer		6,000.00
FREE CARE			
4560	Dean Foundation for Little Children Fund for the Care and Relief of Destitute Little Children		2,000.00
4620	Nelson E. Weeks Fund for Free Care of Needy Patients		1,500.00
4625	Sundry Memorial Gifts for Free Bed Care		
	In Memory of Mr. Charles A. Colton	$ 25.00	
	In Memory of Mrs. Theodore Frothingham	5.00	
	In Memory of Mr. Henry D. A. Ganteume	25.00	
	In Memory of Mr. Nathan Isenberg	27.00	
	In Memory of Mrs. Edward L. Logan	25.00	
	In Memory of Mr. Lindsley Loring	5.00	
	In Memory of Dr. Robert B. Osgood	10.00	
	In Memory of Mr. Charles F. Pendergrast	10.00	
	In Memory of Mr. Hugh Scott	57.50	
	In Memory of Mabel Adams Smith	25.00	214.50
	Carried forward		$767,400.84

	Brought forward		$767,400.84
4626	Sundry Gifts for Free Care		
	Anonymous	$ 1.00	
	Miss Susan M. Crocker	5.00	
	Rev. Cornelius P. Murray	5.00	
	Mr. Joseph O'Neil	5.00	
	Miss Anne B. Stearns	100.00	
	Mrs. James Theophile	1.00	117.00

MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS

4805	Ladies' Visiting Committee Fund for Emergency Recreation u/d Mrs. Virginia Arnold and Mrs. Helen R. Gray		783.98
4860	The Dean Welfare Trust Fund Sundry Gifts at the Disposal of the General Director		100.00
4865	Sundry Gifts at the Disposal of the Director of the Phillips House		
	Mr. Ambrose C. Cramer	$ 100.00	
	Mrs. Mary Dwight	30.00	
	Mrs. Sylvia Kane	3.00	
	Mrs. Henry A. Morss	25.00	
	Mr. Robert Storer	35.00	193.00
4870	Ladies' Visiting Committee "Travelli" Fund		2,000.00
4950	Sundry Gifts to be Spent for the Benefit of Interns and Residents u/d 1st Assistant Director		
	Mr. Henry T. Vance		7,500.00

MEDICAL SERVICE

5040	MGH Research Fund		
	In Memory of Mr. Harold Aiken	$ 3.00	
	The Armour Laboratories	5,000.00	
	In Memory of Mrs. Arthur Bazer	4.00	
	The Burroughs Wellcome Fund	5,000.00	
	In Memory of Mr. Lester A. Durfee	35.00	
	In Memory of Mr. Myrton F. Evans	10.00	
	In Memory of Mr. Thomas A. Foxon	106.00	
	Miss A. B. P. Metcalf	10.00	
	Parke, Davis & Company	3,750.00	
	Ratheon Charitable Foundation	2,500.00	
	Miss Phyllis Robbins	30.00	
	Mr. Alan C. Rockwood	125.00	
	Miss Lucia Russell	50.00	
	In Memory of Mr. Hugh D. Scott	500.00	
	G. D. Searle & Company	3,000.00	
	In Memory of Mrs. Elizabeth Sprague	24.00	
	Sterling Drug, Inc.	2,500.00	
	Trustees u/w of Mellen Bray	250.00	
	In Memory of Mr. Simeon J. Whitney	25.00	22,922.00
	Carried forward		$801,016.82

	Brought forward		$801,016.82
5110	Atomic Energy Commission Fund for Research on the Metabolism of Calcium and Strontium u/d Dr. Stanbury		20,000.00
5135	U.S. Public Health Service Fund for Research on Galactose Metabolism in Galactosemia and Other Diseases u/d Dr. Isselbacher		13,372.00
5155	U.S. Public Health Service Fund for Research on the Mechanism of Active Ion Transport by Cells and Tissues u/d Dr. Leaf		20,866.00
5162	Loufbourow Memorial Fund for Research in Hypertension u/d Dr. Palmer		
	Mrs. Oscar M. Hechter	$ 10.00	
	Mrs. Lucille W. Riemer	25.00	
	Dr. Alfred P. Rogers	50.00	
	Mrs. E. M. Slocombe	25.00	110.00
5163	Good Will Fund at the Disposal of Dr. Gerardo Balboni		
	In Memory of Catherine Anastasi	$ 100.00	
	In Memory of Mr. Umberto Balboni	500.00	
	In Memory of Mrs. Frances Bonardi	100.00	
	Mrs. Zoe Parenti Borghi	50.00	
	Mr. Joseph Bragiotti	5.00	
	Mr. Aldo Capucci	25.00	
	In Memory of Mr. Joseph Conforti	100.00	
	Mr. Joseph Costantini	5.00	
	Rev. Father Damian	10.00	
	Mr. Angelo DeLeo	10.00	
	In Memory of Mr. Fortunato Ferri	25.00	
	Mr. Rocco Fiorini	25.00	
	Miss Angelina Germano	5.00	
	Mr. Michael Giglio	1.00	
	Mr. Louis Giordani	10.00	
	Mrs. Lillian L. Knight	25.00	
	Miss Mildred Lunardini	5.00	
	Mrs. Anna Moruzzi	10.00	
	In Memory of Mr. Anthony Musolino and Mrs. Ruth Musolino LoConte	50.00	
	In Memory of Mr. Vito Parisi	50.00	
	Mrs. Maria Perriello	1.00	
	Mr. Joseph Puccia	25.00	
	Mrs. Lucia Puccini	100.00	
	Mr. Henry Repucci	35.00	
	Mr. Peter Salvi	100.00	
	Mr. Michaelangelo Sarni	200.00	
	Mr. Crucifissa Savasta	25.00	
	Stigmatine Fathers	25.00	1,622.00
	Carried forward		$856,986.82

	Brought forward	$856,986.82
5166	King Trust Fund For Research on Galactosemia u/d Dr. Isselbacher	5,000.00
5184	American Heart Association Fund For Study of the State of Body Water u/d Dr. Leaf	8,563.50
5187	U.S. Public Health Service Fund For Study of Proteolytic Enzymes u/d Dr. Berg	7,344.18
5191	John A. Hartford Foundation Fund for Study of Mechanism of Fluid and Lipid Metabolisms and their Relationship to Heart and Kidney Disease u/d Dr. Leaf	62,897.00
5210	Atomic Energy Commission Fund for Research on Radiation Effect in the Thyroid u/d Dr. Means	13,000.00
5236	U.S. Public Health Service Fund for Study of Assay and Physiology of Thyroid Stimulating Hormones u/d Drs. Stanbury and Postel	6,387.00
5275	U.S. Public Health Service Fund for Study of Enzymatic Mechanisms in the Thyroid u/d Dr. Stanbury	26,296.00
5281	U.S. Public Health Service Fund for Study of Mechanism and Site of Anti-Thyroid Drugs u/d Dr. Maloof	12,474.00
5286	U.S. Public Health Service Fund for Research on Regulation of Glycogen Metabolism in Liver Cells u/d Dr. Bauer	10,962.00
5291	King Trust Fund for Research on Diabetes u/d Dr. Field	5,000.00
5328	U.S. Public Health Service Fund for Study of Mechanism of Action of Cyano-cobalamin in Hematopoises u/d Dr. Smith	16,372.00
5335	Sundry Gifts for Thyroid Research u/d Dr. Lerman Warner Chilcott Laboratories	1,500.00
5336	American Cancer Society (Mass. Div.) Fund for Study of Biologic Effects of Radiation u/d Dr. Chapman	4,770.00
5345	U.S. Public Health Service Fund for Biophysical Research Related to Cancer u/d Dr. Brownell	4,555.00
5356	U.S. Public Health Service Fund Graduate Training Grant in Diabetes u/d Dr. Bauer	21,880.00
5363	U.S. Public Health Service Fund for Study of the Parometers of the Thyroid Gland u/d Dr. Brownell	8,902.26
	Carried forward	$1,072,889.76

	Brought forward	$1,072,889.72
5364	U.S. Public Health Service Fund for Study of the Parometers of the Thyroid Gland u/d Dr. Brownell	21,850.00
5365	U.S. Public Health Service Fund for Biophysics Training Program u/d Dr. Brownell	13,392.00
5372	U.S. Public Health Service Grant for Graduate Training Grant u/d Dr. Bauer	21,060.00
5383	U.S. Public Health Service Fund for Study of Application of Scintillation Counters to Multiple Tracer Experiments u/d Dr. Brownell	6,325.00
5385	Atomic Energy Commission Fund for Study of Techniques of Positron Scanning to Organs Other Than the Brain	10,000.00
5395	U.S. Public Health Service Fund for Study of Factors in Allergic Response u/d Dr. Berg	51,865.00
5405	Atomic Energy Commission Fund for Research to Establish a Beryllium Case Registry u/d Dr. Hardy	11,003.96
5413	U.S. Public Health Service Fund for Study of Pulmonary Diseases Due to Toxic Chemicals and Dust u/d Dr. Hardy	8,451.52
5414	U.S. Public Health Service Fund for Study of Pulmonary Diseases Due to Toxic Chemicals and Dust u/d Dr. Hardy	15,541.00
5417	National Tuberculosis Association Fund for Study of the Hemodynamics of the Pulmonary Vascular System u/d Dr. Burrage	2,536.50
5422	U.S. Public Health Service Fund for a Supply Grant for Dr. Aisenberg u/d Dr. Bauer	500.00
5423	U.S. Public Health Service Fund for Study of Plasma and Connective Tissue Glycoproteins in Normal and Rheumatic Disease Subjects u/d Dr. Schmid	7,498.00
5424	American Cancer Society Fund for Study of AT Pase in Normal and Leukemic Leukocytes and on Interrelationship Between AT Pase and Glycolytic Rate u/d Dr. Beck	2,500.00
5427	U.S. Public Health Service Fund for Study of the Composition, Function and Malfunction of Connective Tissues u/d Dr. Gross	25,391.00
	Carried forward	$1,270,803.74

	Brought forward		$1,270,803.74
5430	Sundry Gifts for the Allergy Clinic u/d Dr. Berg		
	Mrs. William T. Aldrich	$ 200.00	
	Anonymous	4,500.00	
	Mrs. Charles R. Carney	1,000.00	
	The Mary Dexter Fund, Inc.	1,000.00	
	Mrs. Aldus C. Higgins	750.00	
	Parker Charitable Foundation	250.00	
	Mrs. Lewis I. Prouty	1,500.00	
	Mrs. Walter E. Robb, III	100.00	9,300.00
5433	Lakeside Laboratories, Inc. Fund for Study of Therapy of Bronchial Asthma u/d Dr. Burrage		850.00
	MEDICAL SERVICE ARTHRITIS		
5439	Helen Hay Whitney Foundation Fund for Study of Connective Tissue Diseases u/d Dr. Batchelor		12,000.00
5459	Helen Hay Whitney Foundation Fund for Study of Proteins and Glycoproteins of of Connective Tissue and Serum u/d Dr. Bauer		22,839.58
5463	U.S. Public Health Service Fund for Study of Plasma and Connective Tissue Glycoproteins u/d Dr. Schmid		3,511.00
5464	Massachusetts Heart Association Fund for Investigation of Possible Role of Pleuropneumonia-like Organism and L Form of Hemolytic Streptococcus in Rheumatic Fever and Rheumatoid Arthritis u/d Dr. Sharp		4,600.00
5466	American Heart Association Fund for Study of the Biological Significance of the Sulfate Group in Herapins u/d Dr. Jeanloz		2,750.00
5469	Arthritis and Rheumatism Foundation Fund for Grant-in-Aid for Dr. Decker u/d Dr. Bauer		500.00
5478	U.S. Public Health Service Fund for Research in Extracellular Hyaline Substance, especially Relating to Rheumtoid Arthritis u/d Dr. Calkins		10,240.00
5483	Arthritis and Rheumatism Foundation Fund for Fellowship for Dr. John Fessler u/d Dr. Bauer		500.00
5484	Arthritis and Rheumatism Foundation Fund for Fellowship for Dr. Allen Cohen u/d Dr. Bauer		500.00
5494	National Science Foundation Fund for Research on Uridine-Diphosphate-Amino-Sugar Derivatives u/d Dr. Jeanloz		6,900.00
	Carried forward		$1,345,294.32

	Brought forward		$1,345,294.32
5496	Sagamore Foundation Fund for Study of Pulmonary Diseases u/d Dr. Bauer		30,000.00
5501	U.S. Public Health Service Fund for Study of Carbohydrate Components on Connective Tissues u/d Dr. Jeanloz		23,400.00
5504	Helen Hay Whitney Foundation Fund for Fellowship for Dr. Edwin H. Eylar u/d Drs. Jeanloz and Schmid		4,700.00
5517	American Heart Association Fund for Study of Chemistry and Biochemistry of Heparins u/d Dr. Jeanloz		1,100.00
	MEDICAL SERVICE BIOLOGY		
5520	Sundry Gifts for Support of Laboratory u/d Dr. Albright		
	Ayerst Laboratories	$ 3,000.00	
	Schering Corporation	19,500.00	22,500.00
5524	U.S. Public Health Service Fund for Research on Polysaccharide from Bacillus Subtilis u/d Dr. Jeanloz		2,300.00
5530	Mallinckrodt Chemical Works Fund for Purposes of Supplementing Dr. Albright's Salary		1,000.00
	MEDICAL SERVICE CARDIAC		
5540	Sundry Gifts for Coronary Research u/d Dr. Paul D. White		
	Mr. Alexander S. Beal	$ 100.00	
	In Memory of Dr. Robert Catheron	100.00	
	Mr. Grenville Clark	250.00	
	Coast Guard Shield Club	100.00	
	Coronary Curling Club	5.00	
	Mr. Stephen Makris	10.00	
	Mr. and Mrs. W. Stephens Mayer	100.00	
	Dr. I. M. Procter	100.00	
	Nathan and Ida Schwartz Charitable Fund	500.00	
	Miss Florence A. Sullivan	1,000.00	2,265.00
5546	Massachusetts Heart Association Fund for Fellowship for Dr. Yang Wang u/d Dr. Bland		4,140.00
5567	U.S. Public Health Service Fund for Study of Pulmonary Hypertension u/d Dr. Bland		14,314.15
5582	Massachusetts Heart Association Fund for Study of Vectocardiography with Special Reference to P and T Loops u/d Dr. C. Williams		2,645.00
5590	Mickles Fund for Cardiac Research u/d Dr. Bland		
	Mr. and Mrs. John B. Mickles		2,000.00
	Carried forward		$1,455,658.47

	Brought forward		$1,455,658.47
5591	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		8,012.00
5600	Muscular Dystrophy Association Fund for Paperelectrophoretic Studies on Muscle Proteins u/d Dr. Gergely		4,083.34
5603	Massachusetts Heart Association Fund for Study of the Biochemistry of Heart Muscle Contraction u/d Dr. Gergely		4,050.00
5604	Muscular Dystrophy Association Fund for Study of the Structure and Functions of Contractile Muscle Porteins u/d Dr. Gergely		1,416.67
5609	Life Insurance Medical Research Fund for the Study of the Biochemistry of Heart Muscle u/d Dr. Gergely		5,500.00
5610	Sundry Gifts for Research u/d Dr. Bland		
	Dr. Edward F. Bland and Associates	$ 17,804.00	
	In Memory of Mr. George Bramley	20.00	
	In Memory of Mr. Frank L. Brier	2.00	
	In Memory of Dr. Myron E. Bryant	10.00	
	In Memory of Professor Zechariah Chafee, Jr.	50.00	
	In Memory of Mr. Barnett Chipman ..	3.00	
	Mr. Grenville Clark	250.00	
	In Memory of Elizabeth and William Cloney	5.00	
	Mr. Nathan Cohen	100.00	
	In Memory of Mrs. Paul Connor	10.00	
	In Memory of Mr. Charles Cooper	44.00	
	In Memory of Mr. Myrton F. Evans ..	40.00	
	In Memory of Mr. Elias Figler	1.00	
	In Memory of Mr. Fred P. Gurney	5.00	
	In Memory of Mr. Austen Harveycutter	25.00	
	In Memory of Mr. Leslie D. Hawkridge	25.00	
	In Memory of Miss Katherine F. Hernan	122.00	
	Mrs. Alfred Jacques	1.00	
	In Memory of Mr. Abraham Kaplan	2.00	
	In Memory of Mr. Barakat F. Maloof	101.00	
	In Memory of Mr. Harry G. McLean ..	5.00	
	In Memory of Mr. A. M. McVie	15.00	
	In Memory of Mr. Joseph R. Minevitch	208.00	
	In Memory of Mrs. Lewis E. Moore ..	5.00	
	In Memory of Mr. Frank M. O'Neil	5.00	
	In Memory of Mrs. John Pothoff	5.00	
	In Memory of Mrs. Raffaela Rizzo	10.00	
	In Memory of Mrs. Curtis Nye Smith	25.00	
	In Memory of Mr. William V. Sreenan	15.00	
	In Memory of Mr. E. W. Tinker	10.00	
	Mrs. Assunta Vultaggio	5.00	
	In Memory of Mr. Lyman F. Whitney	346.00	
	Miss Frances E. Wood	5.00	
	Dr. W. Franklin Wood	10.00	19,299.00
	Carried forward		$1,498,019.48

	Brought forward		$1,498,019.48
5615	Sundry Gifts for Research u/d Dr. Sprague		
	Anonymous	$ 11,111.00	
	Dr. H. W. Parker	25.00	
	Dr. T. C. C. Sodero	50.00	$ 11,186.00
5617	Allied Laboratories Fund for Salary of Technician on Protoveratrine Studies u/d Dr. Currens		1,650.00
5620	Eli Lilly and Company Fund for Research on Hypertension u/d Dr. Currens		2,900.00
5650	Stephen Salisbury Fund for Cardiac Research u/d Dr. Bland		
	Mr. Stephen S. FitzGerald		2,500.00
5656	U. S. Public Health Service Fund Graduate Training Grant u/d Dr. Bland		23,500.00
	MEDICAL SERVICE GASTROINTESTINAL		
5705	U.S. Public Health Service Fund for Grant-in-aid for Dr. Edwin P. Maynard, III u/d Dr. Jones		1,000.00
5790	Sundry Gifts for Research in Digestive Diseases u/d Dr. Jones		
	Dr. Edward L. Bigelow	$ 100.00	
	Caplan Brothers	500.00	
	Mr. and Mrs. Hugh S. Ferguson	250.00	
	Mrs. Donald Harding	200.00	
	In Memory of Dr. Murray P. Horwood	634.50	
	Mr. Walter H. Kilham, Jr.	200.00	
	Mozur Laces, Inc.	2,500.00	
	Mr. Walter J. Rich, Jr.	100.00	
	Mr. Harlan K. Simonds, Jr.	100.00	
	Tennessee Valley Fabrics Corp.	2,500.00	7,084.50
5797	U.S. Public Health Service Fund for Studies of Metabolic Activity of the Small Intestine During Normal and Abnormal Absorption u/d Dr. Benson		8,625.00
	MEDICAL SERVICE INFECTIOUS DISEASE		
5826	Charles A. King Trust Fund for Research in Infectious Disease u/d Dr. Swartz		12,500.00
5830	U.S. Public Health Service Fund for Study of Pyridine Nucleotides during Phage Infection of E.coli u/d Dr. Swartz		13,800.00
	MEDICAL SERVICE BACTERIOLOGY		
5925	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms and the "L" Form of Bacteria in Health and Disease u/d Dr. Dienes		6,980.00
	Carried forward		$1,589,744.98

	Brought forward		$1,589,744.98
5935	U.S. Public Health Service Fund for Study of Possible Role of Pleuro-pneumonia-like Organisms and "L" Form of Hemolytic Streptococcus in Rheumatic Fever and Rheumatoid Arthritis u/d Dr. Sharp		13,706.00
	NEUROLOGICAL SERVICE		
5970	Sundry Gifts for Research u/d Dr. Adams		
	In Memory of Mrs. Jennie Goldberg	$ 7.00	
	Mrs. George H. Swift	2,000.00	2,007.00
5985	U.S. Public Health Service Fund for Cooperative Clinical Study of Aneurysms and Acute Subarachnoid Hemorrhages u/d Dr. Fisher		14,846.00
5991	U.S. Public Health Service Fund for Study of Vascular Disease of the Human Brain u/d Dr. Fisher		7,981.00
5992	U.S. Public Health Service Fund for Study of Vascular Disease of the Human Brain u/d Dr. Fisher		28,974.08
6006	U.S. Public Health Service Fund for the Comparison of Tuberculin Sensitivity in Vitro and Vivo with Use of Cell Suspensions u/d Dr. Waksman		11,144.00
6013	Florence Moulton Fund for Neurological Research u/d Dr. Fisher		
	Rev. J. L. Moulton and Family		400.00
6024	U.S. Public Health Service Fund for Experimental Epilepsy in Rabbits u/d Drs. Nelhaus and Dodge		2,277.00
6027	Yale University Fund for Study of Neurology of Instinctive Behavior u/d Dr. Adams		6,670.00
6030	Dr. Madelaine R. Brown Fund for Research u/d Dr. Adams		
	Dr. James Ayer		1,000.00
6036	Sundry Gifts for Research in Pediatric Neurology u/d Drs. Adams and Dodge		
	Dr. P. R. Dodge and Dr. R. D. Adams		200.00
6045	U.S. Public Health Service Fund for Study of Antigens in Experimental Demyelinative Disease u/d Drs. Adams, Waksman and Folch-Pi		18,742.00
6054	U.S. Public Health Service Fund for Study of Sensory Stimulation of the Human Brain u/d Dr. Brazier		14,322.00
	Carried forward		$1,712,014.06

	Brought forward	$1,712,014.06
6065	Schweppe Foundation Fund for Establishment of Pediatric Neurology Unit u/d Drs. Dodge and Adams	5,000.00
6095	Sundry Gifts to the Neurophysiological Laboratory u/d Dr. Brazier Smith, Kline & French Laboratories	150.00
6156	U.S. Public Health Service Fund for Study of Copper Proteins in Normal and Diseased Brain u/d Drs. Adams, Porter and Folch-Pi	16,315.00
6162	U.S. Public Health Service Fund for Study of Psychiatric and Neurologic Diseases and Alcoholism u/d Drs. Adams and Ludwig	15,432.00
	NEUROSURGICAL SERVICE	
6229	Atomic Energy Commission Fund for Study of Localization of Brain Tumors Using Positron Emitting Isotopes u/d Dr. W. Sweet	36,000.00
6236	American Cancer Society Fund for Study of Relief of Intractable Head and Neck Pain from Cancer by Stereotactically Placed Radio-frequency Lesions u/d Dr. Mark	2,975.00
6248	U.S. Public Health Service Fund for Determination of Rates of Transfer of Water and Electrolytes in Central Nervous System u/d Drs. Sweet and Brownell	8,625.00
6249	U.S. Public Health Service Fund for Determination of Rates of Transfer of Water and Electrolytes in Central Nervous System u/d Drs. Sweet and Brownell	14,950.00
6265	American Cancer Society (Mass. Division) Fund for Diagnosis and Treatment of Deep Midline Brain Tumors Using a Stereotactic Surgical Approach u/d Dr. Mark	3,622.50
6275	Sundry Gifts for Investigation of Cause and Treatment of Trigeminal Neuralgia u/d Dr. Ballantine In Memory of Mrs. Elizabeth C. Sprague	174.50
6292	U.S. Public Health Service Fund for Study of Application of Focused Ultrasound to Neurology u/d Dr. Ballantine	15,683.00
6325	U.S. Public Health Service Fund for Study of Application to Diagnosis and Therapy of Blood Brain and Blood Brain Tumor Barriers u/d Drs. Sweet and Brownell	82,800.00
	Carried forward	$1,913,741.06

	Brought forward		$1,913,741.06
6330	Neurosurgical Research Fund u/d Dr. J. C. White		
	Anonymous		10,000.00
6353	U.S. Public Health Service Fund for Study of Relief of Intractable Pain from Cancer by Stereotactic Methods u/d Dr. Sweet		14,907.00
6371	Atomic Energy Commission Fund for Study of Use of Thermal and Epithermal Neutrons in Treatment of Neoplasms u/d Dr. Sweet		45,000.00
6395	U.S. Public Health Service Fund for Cooperative Clinical Study of Aneurysms and Acute Subarachnoid Hemorrhages u/d Dr. Sweet		23,165.00
6410	U.S. Public Health Service Fund for Study of the Blood Brain Barrier with Isotopes u/d Dr. Bakay		9,246.00
6430	Sundry Gifts for Research u/d Dr. W. Sweet		
	Mrs. H. M. Ford	$ 750.00	
	In Memory of Mrs. Donald W. Shaw	129.00	879.00
6460	June Rockwell Levy Foundation Fund for Research u/d Dr. Sweet		18,750.00
NURSING SERVICE			
6475	Ladies' Visiting Committee Fund for Salaries for Recreational Therapists and Equipment for Pediatric Activities Program		2,000.00
6570	Sundry Gifts at the Disposal of the Principal of the School of Nursing		
	Miss Mary Smith Byers		240.50
ORTHOPEDIC SERVICE			
6740	Smith-Petersen Foundation Fund u/d Dr. Aufranc		4,700.00
6745	Fracture Book Fund u/d Dr. Cave		
	Dr. Edwin F. Cave	$ 500.00	
	Mrs. Eugene H. Pool	2,742.50	3,242.50
6760	Sundry Gifts for Foot Research Study of the Sling Operation u/d Dr. Joplin		
	50 Sundry Donors		2,328.50
6775	Sundry Gifts for the White 9 Rehabilitation Unit u/d Dr. DeLorme and Mr. Martin		
	Mr. and Mrs. John Morse Elliot	$ 1,500.00	
	Mr. Kirkwood E. Jewett, Jr.	1,000.00	
	Liberty Mutual Insurance Company	10,000.00	
	Mr. Stephen D. Paine	20.00	
	Mr. and Mrs. Stephen D. Paine	100.00	
	The Pope Foundation, Inc.	15,000.00	27,620.00
	Carried forward		$2,075,819.56

	Brought forward		$2,075,819.56
6795	Sundry Gifts u/d Dr. Aufranc		
	Miss Josephine de N. Henry	$ 100.00	
	Mr. Philip Young	100.00	
	Mr. Richard Young	250.00	450.00
6900	Sundry Gifts u/d Dr. Barr		
	Mr. Albert J. Beveridge, Jr.	$ 100.00	
	Dr. M. A. Chapian	50.00	
	Mr. Myron A. Hofer, II	200.00	
	In Memory of Dr. Armin Klein	5.00	
	Marlborough Laboratories	200.00	
	Dr. M. F. Pettler	100.00	655.00
	PATHOLOGY DEPARTMENT		
6905	American Cancer Society Fund for Study of the Pathogenesis of Cancer u/d Dr. Taft		2,500.00
6926	American Cancer Society (Mass. Division) Fund for Study of Ovarian Tumors and Related Conditions u/d Dr. Castleman		2,109.70
6930	Buffington's Inc. Fund for Salary of Part-time Curator of Pathological Museum		125.00
6940	American Cancer Society Fund for Study of Quantitative Histochemical Investigation of Cirrhosis and of Primary Carcinoma of the Human Liver u/d Dr. Castleman		7,500.00
6946	U.S. Public Health Service Fund for Study of the Histochemistry of Hyperplasia and Neoplasia in the Adrenal Cortex u/d Dr. Castleman		10,237.00
6960	Sundry Gifts u/d Dr. Castleman		
	Mrs. Lucille G. Greene	$ 100.00	
	Mrs. H. James Stone	1,000.00	
	Miss Mary R. Wright	100.00	1,200.00
6973	U.S. Public Health Service Fund for Study of Nature of Neutral Red Granule Formation and its Relationship to Mitochondria and the Golgi Substance u/d Dr. Morgan		4,945.00
6983	U.S. Public Health Service Fund for Study of Myasthenia Gravis u/d Dr. Castleman		5,463.00
6993	Tracy B. Mallory Memorial Library Fund u/d Dr. Castleman		
	40 Sundry Donors		621.73
7005	U.S. Public Health Service Fund for Study of the Endocrine Glands and Neoplastic Disease u/d Dr. Castleman		68,350.00
	Carried forward		$2,179,975.99

	Brought forward	$2,179,975.99
7015	Atomic Energy Commission Fund for Collection, Storage and Use of Human Cadaver Marrow u/d Drs. Castleman and Ferrebee	10,000.00
7047	U.S. Public Health Service Fund for Study of Ultrastructure of the Renal Glomerular Base Membrane u/d Drs. Castleman and Spiro	60,953.00
	PEDIATRIC SERVICE	
7150	Sundry Gifts for Leukemia Research u/d Dr. McGovern In Memory of Linda Jane Peterson	30.00
7221	Charles A. King Trust Fund for Study of Virus Distribution in Measles and other Virus Diseases u/d Dr. Peebles	1,500.00
7270	Sundry Gifts for Research u/d Dr. Butler Miss Susan Butler	10.00
7275	Sundry Gifts for Diabetic Research u/d Dr. Butler Mrs. John H. Johnson	200.00
7290	Sundry Gifts for Expensive Medicines for Children u/d Dr. Butler Mrs. Marion C. Pickett	5.00
7340	U.S. Public Health Service Fund for Graduate Training u/d Dr. Talbot	24,894.00
7341	U.S. Public Health Service Fund for Graduate Training u/d Dr. Talbot	25,500.00
7360	Sundry Gifts for Research on Pancreatic Fibrosis u/d Dr. Butler In Memory of Albert O. Wilson	161.50
	PHARMACY DEPARTMENT	
7416	American Cyanamid Company Fund for Study of Sterilization of Ophthalmic Ointments u/d Mr. Murphy	500.00
	PHYSICAL THERAPY	
7495	U.S. Office of Vocational Rehabilitation Fund for Traineeship in Physical Medicine u/d Dr. Watkins	3,125.00
7500	Pope Foundation Fund for Research in Physical Therapy and Rehabilitation Drs. T. L. DeLorme and A. L. Watkins	89.35
	PSYCHIATRIC SERVICE	
7536	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann	14,017.96
	Carried forward	$2,320,961.80

	Brought forward		$2,320,961.80
7537	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann		14,803.00
7541	U.S. Public Health Service Fund for Training in Preventive Psychiatry u/d Dr. Lindemann		10,783.81
7542	U.S. Public Health Service Fund for Training in Preventive Psychiatry u/d Dr. Lindemann		15,658.00
7556	Grant Foundation Fund for Service and Research in Preventive Psychiatry u/d Dr. Lindemann		21,360.00
7572	U.S. Public Health Service Fund for Grant-in-Aid for Dr. Richard Peebles u/d Dr. Lindemann		500.00
7581	U.S. Public Health Service Fund for Training Grant for Social Workers in Community Mental Health u/d Dr. Lindemann		12,380.00
7601	U.S. Public Health Service Fund for Traineeship for Dr. Mendelson u/d Dr. Lindemann		500.00
7605	Sundry Gifts u/d Dr. Lindemann		
	Dr. Stanley Cobb	$ 9.82	
	Mrs. Cortlandt Parker	500.00	509.82
7616	U.S. Public Health Service Fund for Measurement of Human Interaction u/d Dr. Saslow		17,491.32
7617	U.S. Public Health Service Fund for Measurement of Human Interaction u/d Dr. Saslow		35,000.00
7628	U.S. Public Health Service Fund for Study of Emotional Factors in Children with Rheumatoid Arthritis u/d Dr. Blom		26,576.00
7681	U.S. Public Health Srevice Fund for Training in Child Psychiatry u/d Dr. Lindemann		15,873.71
7682	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Lindemann		17,605.00
7690	Mrs. Robert W. Lovett Memorial Fund for Research on Rheumatism and Arthritis New England Chapter of the Arthritis and Rheumatism Foundation, Inc.		4,500.00
RADIOLOGY DEPARTMENT			
7780	U.S. Public Health Service Fund for Evaluation of Routine Televised Fluoroscopy u/d Dr. Webster		35,424.00
	Carried forward		$2,549,926.46

	Brought forward			$2,549,926.46
7815	Sundry Gifts u/d Dr. Robbins			
	Rev. C. Daniel Boone	$	100.00	
	Dr. W. J. Brown		33.00	
	Mrs. Stella Petranek		100.00	
	Dr. L. L. Robbins		30.00	
	Mr. Joseph H. Schuldice		500.00	
	Dr. Clement A. Smith		250.00	1,013.00
RESEARCH COMMITTEE				
7895	Gustavus and Louise Pfeifer Research Foundation Fund for the Creation of a Position of Associate Professor in Pharmacology u/d Dr. Hoagland			7,500.00
7967	William Scheide Trust Fund for Cancer Research u/d Dr. Hoagland			1,264.48
SOCIAL SERVICE				
8022	American Cancer Society (Mass. Division) Fund for Ancillary Relief for Patients with cancer u/d Miss Barbour			2,000.00
8040	William H. Coburn Fund for Baker Memorial Social Service			
	Mrs. Katharine B. Denney	$	25.00	
	Mrs. Arthur Dana Elliot		25.00	50.00
8070	Committee of the Permanent Charity Fund for Social Service Relief			1,750.00
8090	Sundry Gifts for the Camp Fund u/d Miss Barbour			
	Pamelia Sayward Trust			246.00
8250	Ladies' Visiting Committee Fund for Social Service Relief			300.00
8280	Jessie Gwendolen Morse Fund for Social Service Relief			425.00
8370	Sundry Gifts for Social Service Relief for Children with Heart Disease			
	Committee for Home Care of Children with Heart Disease			100.00
8400	Sundry Gifts for Christmas Presents for Patients			
	Mrs. Mary Anderson	$	3.00	
	Anonymous		50.00	
	Mrs. George Carey		5.00	
	Mary A. Crabtree Fund		100.00	
	Miss Mabel Louise Riley		25.00	
	Miss Doris W. Sawyer		10.00	193.00
8470	Sundry Gifts u/d Miss Barbour			
	Bequest of Dr. John Monks			20,000.00
SURGICAL SERVICE				
8550	Weld Surgical Instrument Fund for Purchase and Maintenance of Surgical Instruments for the General Operating Room			
	Anonymous			5,000.00
	Carried forward			$2,589,767.94

	Brought forward		$2,589,767.94
8580	William S. Eaton Fund for Special Research u/d Dr. Weille		
	Anonymous	$ 5,000.00	
	The Eaton Foundation	13,500.00	
	Miss Amelia Peabody	12,000.00	30,500.00
8586	U.S. Public Health Service Fund for Study of the Metabolic Pathway of Amino Acids in Protein Metabolism of Normal and Neoplastic Tissue u/d Dr. Nardi		11,317.00
8596	Charles A. King Trust Fund for Research in the Field of Tissue Biology u/d Dr. Grillo		7,525.00
8611	U.S. Public Health Service Fund for Study of Role of Intercellular Components in Architecture of Wound Healing u/d Drs. Grillo and Gross		9,539.00
8616	Gray Pharmaceutical Company, Inc. Fund for Study of the Effect of Glutamic Acid on Ammonia Metabolism u/d Dr. McDermott		2,000.00
8635	Stevens Foundation Fund for Gastrointestinal Follow-up Studies in the Out-patient Department u/d Dr. Warren		
	Dr. and Mrs. Horatio Rogers		1,000.00
8636	Sundry Gifts for Studies in Gastrointestinal Diseases u/d Dr. Bartlett		
	Mr. and Mrs. Donald F. Harding		200.00
8643	U.S. Public Health Service Fund for Study of the Metabolism of Ammonia in Liver Disturbances u/d Dr. McDermott		11,990.00
8644	U.S. Public Health Service Fund for Study of the Metabolism of Ammonia in Liver Disturbances u/d Dr. McDermott		19,096.00
8663	U.S. Public Health Service Fund for Study of Wound Contractures and Their Effect u/d Dr. Russell		9,148.00
8686	U.S. Public Health Service Fund for Visualization of the Pancreas u/d Dr. Nardi		9,890.00
8725	Gustavus and Louise Pfeiffer Research Foundation Fund for Fellowship for Dr. Alejandro Villegas u/d Dr. McDermott		4,100.00
8750	Sundry Gifts u/d Dr. Allen		
	Mr. Grenville Clark		250.00
8755	Massachusetts Heart Association Fund for Study of the Experimental Direct Approach to the Aorta Valve u/d Dr. Scannell		3,105.00
	Carried forward		$2,709,427.94

	Brought forward		$2,709,427.94
8790	Sundry Gifts for Peripheral Vascular Research u/d Dr. Linton		
	In Memory of Mr. Saul Goorno	$ 22.00	
	Mr. Anthony Jaureguy	400.00	
	Mr. C. Eugene Johnson	750.00	
	Dr. Robert R. Linton	2,500.00	
	Dr. Robert S. Shaw	28.00	
	Dr. Arthur F. Whereat	25.00	3,725.00
8802	U.S. Public Health Service Fund for Study in Peripheral Arteriosclerosis of the Lower Extremity u/d Dr. Linton		11,694.88
8820	Sundry Gifts u/d Dr. Cope		
	Dr. J. H. Baker	$ 240.00	
	Mr. Joseph A. Coletti	100.00	
	Mrs. Sabina K. de Gildemeister	500.00	
	Mr. Richard Preston	250.00	
	Mr. William S. Youngman, Jr.	200.00	1,290.00
UROLOGY SERVICE			
8932	Sundry Gifts u/d Dr. Suby		
	Mr. Frank W. Abbott		1,500.00
8980	Sundry Gifts u/d Dr. Leadbetter		
	In Memory of Mr. Campbell Bosson	$ 420.00	
	Mr. Thomas W. Little	400.00	
	Mrs. Francis E. Fremont-Smith	50.00	870.00

McLEAN HOSPITAL FUNDS

	Current Expense Fund		
	A. W. Farrell, Inc.	$ 200.00	
	Dr. and William Jason Mixter	300.00	
	Mr. Benjamin R. Sturges	10.00	510.00
	Ford Foundation Fund		125,900.00
100	Sundry Gifts u/d the Director		
	M. DeMatteo Construction Co.	$ 500.00	
	Mr. Charles E. DiPesa	500.00	
	Mr. Charles Eliot Dockser	20.00	
	Mr. Philmore J. Haber	50.00	
	Mr. Gustav Hirsch	100.00	
	Miss Irene Hirsch	10.00	
	Mr. and Mrs. Harvey P. Hood	502.50	
	Mrs. Wyman Richardson, Sr.	5.00	
	Mr. Frank Hill Smith	500.00	2,187.50
150	Frank Attwill Newlin Fund for the Purchase of Table Delicacies for the Patients		
	Bequest of Frank Attwill Newlin		4,295.00
	Carried forward		$2,861,400.32

	Brought forward	$2,861,400.32
213	American Cancer Society, Inc., Fund for Study of Brain Strandin u/d Dr. Folch-Pi	750.00
305	U.S. Public Health Service Fund for Study of Brain Proteins and Lipoproteins u/d Dr. Folch-Pi	6,756.00
307	U.S. Public Health Service Fund for Study of Brain Proteins and Liproproteins u/d Dr. Folch-Pi	13,512.00
353	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Dr. Folch-Pi	5,455.87
354	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Folch-Pi	6,367.17
355	U.S. Public Health Service Fund for Research in the Chemistry of Brain Lipides u/d Dr. Folch-Pi	15,962.00
370	U.S. Public Health Service Fund for Histochemical Study of the Central Nervous System in Thiamine Deficiency u/d Dr. Pope	500.00
371	U.S. Public Health Service Fund for a Cross-Cultural Study of the Content of Paranoid Delusions u/d Dr. Anne Parsons	500.00
382	U.S. Public Health Service Fund for Quantitative Histochemical and Cytochemical Study of the Brain u/d Drs. Folch-Pi and Pope	5,531.82
383	U.S. Public Health Service Fund for Quantitative Histochemical and Cytochemical Study of the Brain u/d Dr. Pope	7,923.61
384	U.S. Public Health Service Fund for Quantitative Histochemical and Cytochemical Study of the Brain u/d Drs. Pope and Hess	18,460.00
401	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Stanton	2,000.00
	TOTAL INCOME FUNDS	$2,945,118.79
	TOTAL PRINCIPAL FUNDS ..... $ 844,764.11	
	TOTAL INCOME FUNDS $2,945,118.79	$3,789,882.90

HENRY R. GUILD
Treasurer

ONE HUNDRED AND FORTIETH

ANNUAL REPORT

OF THE

McLEAN HOSPITAL

A DIVISION OF THE

MASSACHUSETTS GENERAL HOSPITAL

1957

BELMONT

MASSACHUSETTS

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* Deceased March 16, 1958
** Deceased July 15, 1958
*** Deceased January 15, 1958

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Report of the Psychiatrist in Chief

THE redirection of clinical activities at McLean which started last year led to noticeable results and to additional efforts during the year ending October 1, 1957. The patient census was the highest in the history of McLean and there were many changes in usual practices, nearly all of them in the direction of bringing the patients into closer relations with the community. During the past century, the picture of the psychiatric hospital as a refuge from the problems of everyday life gained prominence among the tacit assumptions which underlay usual hospital practices. It was only recently that dangers in such protective efforts became apparent — isolation from the community also usually meant separation from one's family and from activities needed by everyone, and often particularly by the patient, to maintain his social place, his spirit, and even his health. The "open door" is now a well-known symbol for this general move to maintain and strengthen the ties of the patient to his intimates and to the community.

At McLean, this has meant the introduction of numerous changes during the past year. The first official outpatients of the hospital continued with treatment after discharge, rather than having to change physicians just at the difficult time of moving from the hospital to full-time community living. Visiting hours were extended. They were changed from 1:30 p.m. — 4:30 p.m. to 10:00 a.m. — 10:00 p.m., seven days a week. A volunteer program, which owed much to the efforts of Mrs. Charles Coolidge, started successfully. The Beaver Brook Giudance Center, an active psychiatric clinic serving Belmont, Waltham, and Watertown, found temporary quarters at Hope Cottage; the staff of the clinic met frequently with the hospital staff.

The program of intensive psychotherapy was brought to a high state of effectiveness in a surprisingly short time during the year. In contrast to arranging occasional, short-term, or informal psychotherapy for patients, a program of planned systematic psychotherapy is much more difficult and expensive to work out. Each time a patient sees a psychiatrist in intensive psychotherapy (as the term is now used at McLean and at the few other hospitals where serious psychotherapy is regularly provided), he sees the psychiatrist for a full hour, not a few minutes of the usual contact with a patient. The interviews are usually arranged three or four times a week depending upon the patient's need, providing him with enough time to discuss his personal situation so fully and, with the help of the psychiatrist, so objectively that he is very likely

to see it from a new and more discriminating point of view. This major investment of medical time is justified only because of the far-reaching personality change which it may make possible and which is often necessary if the patient is to deal actively with the predisposing circumstances of his breakdown in such a way that a recurrence is less likely.

At the end of the fiscal year, about 70 patients were seeing psychiatrists three or more hours per week. Many of them were seeing the psychiatrists they had started treatment with before coming to the hospital, a new arrangement which was not only a support to the patient, but a further strong bridge between the hospital and the community at large. Patients have been quite clear in their appreciation of these arrangements whereby they might, if necessary, enter the hospital and then leave it when ready, without changing physicians except for the added services of the hospital psychiatrist.

The psychotherapy program brought several corollaries with it. Group psychotherapy and patient organizations supplemented the more intensive effort. The uneasiness and uncertainty which such a program uncovers in the immediate family of the patient offered another chance to make constructive changes, and the eagerness of the families to cooperate actively in the treatment program led to expansion of the Department of Social Work. At the end of the year, it included 6 workers (and two students) and the need for more was clear. Nursing becomes a different matter when patients meet regularly to discuss the hall, and when relatives may appear at any time to discuss the treatment program, and the Nursing Department met the new demands with an awakening interest in spite of the unsettling character of much of the new program.

Interest in psychotherapy heightened awareness of medical needs. Regular physical examinations were more systematically planned and carried out, and partly under the stimulus of Dr. John Clark's report on East House, an active study of the needs of the hospital for medical facilities was begun. A new image amplifier in the X-ray Department permits fluoroscopic examination without complete darkening of the room, and is much less frightening to some patients. The clinical laboratory was completely modernized, using part of the institution's grant from the Ford Foundation.

The unusually high census made it possible for the hospital to meet the constantly rising costs, including a substantial increase in nursing salaries, with only a modest increase in fees — far less than the cost of the increased services which were available. An increase was necessary, however, and increasing costs remain a very serious problem indeed, particularly since much health insurance does not cover psychiatric costs.

A final note must be made about one of the most interesting aspects of the reorientation of the hospital program — although it is one of the hardest to describe. Just as we have come to know that standard psychiatric hospital practices are not the only or the best possible ones, we have also learned that there is a way of going about changing. Leadership we have had — support from the Trustees and from the staff at the General Hospital, interest and help from patients and from the families — but most of the changes have been brought about by hard-working committees which have studied closely and long the infinite details of procedure, tedious work and never the sort of thing one learned in school. When these details were mastered, the change seemed to go "effortlessly"; if not, it would have often led to impossible complexities. But out of this work has come a grasp of the principles of rational organization, a heightened trust in our co-workers, and an impertinent interest in just what kind of hospital does have a beneficial effect upon its patients, and how is the effect brought about. It was this persistent search for a better understanding by so many of the staff that gave rise to a quiet excitement and sense of value which characterized the year.

Respectfully submitted,

ALFRED H. STANTON, M. D.
Psychiatrist in Chief

McLean Hospital

STATISTICS FOR FISCAL YEAR ENDED SEPTEMBER 30, 1957

	1957	1956
Patients in Hospital at the Beginning of the Year	229	227
Patients on Visit	17	9
Total Number of Patients on Books	246	236
Average Number of Patients Per Day	231	226
Patients Admitted During the Fiscal Year	245	255
Patients Discharged During the Fiscal Year	266	245

Diagnosis on Discharge:

Chronic Brain Disorders:		25
Disorders of Late Life	17	
Other Types	8	
Acute Brain Disorders:		11
Alcohol Intoxication	3	
Drug Intoxication or Poisoning	5	
Other Types	3	
Affective Reactions:		48
Manic Depressive Reaction, Manic Type	11	
Manic Depressive Reaction, Depressive Type	24	
Manic Depressive Reaction, Mixed	4	
Involutional Reaction	9	
Schizophrenic Reactions:		84
Simple	3	
Acute Undifferentiated	12	
Schizo-affective	13	
Hebephrenic	2	
Catatonic	5	
Paranoid	39	
Chronic Undifferentiated	10	
Psychophysiologic Disorders:		3
Psychoneurotic Disorders:		52
Depressive Reaction	39	
Other	13	
Personality Disorders:		38
Alcoholism	17	
Other	21	
Paranoid State:		1
Adjustment Reactions:		3
Diagnosis Deferred:		1

*Conditions on Discharge:		
Recovered	0	17
Improved	184	158
Unimproved	45	39
Deceased	18	17
Without Psychosis	19	14

*Physicians changed criteria in 1957 so that the reports for 1956 and 1957 are not directly comparable.

Report of the Clinical Service

REPORT of the Clinical Service at McLean during 1957 will note many features of patient care, teaching, and research which have been added or strengthened during the past year. Previous standards have been maintained, and improvement and change have been the effort of the year.

The best outline of patient care here would be to tell the experience of a few individual patients who have come to the hospital. But unfortunately there are not the skills to condense such stories for a report and still keep the individual human touch. The story of one individual in the hospital, and what it means to him to be here, is an hour in the telling. But at least we can record that in daily clinical work the personality of the individual patient, and the Staff response to it, are the constant subject of concern.

If there is any generally held therapeutic belief on the part of the Staff, it is in the value of the "therapeutic hospital." One of its cardinal features is Individual Psychotherapy, with scheduled psychiatric interviews by physicians. This treatment was greatly expanded so that all of the patients received the sum of 185 hours a week (over and above time spent in diagnosis and planning). The work by Residents has been supervised individually, this training process taking many hours a week by Supervisors. Principles of psychotherapeutic work were continually reviewed in Staff Conferences. It is felt that Individual Psychotherapy is the best hope for the alteration of many individual illnesses. Hence the great investment of time by both physicians and patients in this effort is desirable. It is realized that it is extremely slow work, comparable to education or growth rather than to diagnosis or surgery.

It is now possible for psychotherapists in the community by means of Staff appointments to follow their cases in the hospital, thus providing better continuity for the patient to continue with the same physician. Despite the distance to McLean, several of the doctors have used the facilities here during the acute phase of patient illness. The hospital has authority for directing the treatment of the patient but the psychotherapy can continue with the same physician.

The second great effort of the hospital, the provision of a meaningful social milieu for the patient, is attempted by a team approach. Central is the great administrative structure of the hospital with all of the various service departments. All personnel have become increasingly patient-oriented. There are the departments providing basic physical,

economic, dietary, maintenance, and protective services on which the hospital rests and in which most of the employees serve. These departments of the hospital have previously seemed distant and impersonal to the patient. However, with the "work program" and discussion groups, the patients are beginning to find the personnel a part of their community rather than functionaries in a vague administrative structure. Furthermore, all of the employees have an increasingly friendly and understanding view of the patients.

Much of the patient's life here is initiated from the Hall on which he lives. Here there is a single physician, the Clinical Administrator, who directs not only every aspect of the treatment of each of his patients, but also considers the Hall as a social unit. On each Hall is a staff of nurses and attendants, the backbone of the care of the patients, who think together in a weekly Work Meeting with the Clinical Administrator. Contact is made with the family and referring physician, especially through the now excellent Social Work Department. (There are now six full time workers). Not only is there treatment planning on the Hall as to therapy, visits, discharge, but also the patient is helped to work through his own problems, the staff and patients merging into a social field. From the Hall the patient goes daily into the general hospital scene, guided by departments such as Occupational Therapy, Recreational Therapy, Library, Church, and their own Patient Organizations for cultural activity, community formation of opinion, and entry of the patient into hospital work. Most patients are able to go even farther and extend their lives into the outside community.

This range of patient activities extending beyond the hospital is now being complemented by a beginning program in which patients living outside the hospital may come back into the care of the hospital according to their needs. A few patients are coming in for Day Care, some for Outpatient Care. It is intended to develop an Outpatient Clinic.

Communication, one of the vital functions of any organization, has been considerably altered during the year. The News Conference was strengthened, and daily disseminated much information of general use concerning the care of patients, accomplishing a wide communication of items of clinical and hospital-wide importance in a rapid style. (About 400 facts are stated at each daily news conference within a few minutes time). Suggestions for change and for care of patients were sought from all levels of Staff, especially through the weekly Work Conferences on the ward, and through continual communication between clinical administrators, nurses, psychotherapists, social workers, family, and patients themselves. That which had more general interest could be

brought to various committees. It is a principle that lines of authority are not the same as those of information and that wide discussion outside of the "chain of command" is in order. The Patient-Personnel Conference attempts to include patient ideas and feelings in a discussion forum with a cross-section of the Staff.

Staff Education became much more formalized along several lines: there were general weekly conferences, including Academic, Staff Case, Psychotherapeutic, and Millieu Therapy conferences. Individual supervision of resident psychotherapy was expanded so that each resident was continuously supervised as to two cases. Residents had weekly conferences considering their diagnostic formulation and a patient problem conference. There were weekly lectures.

Active steps were taken towards the formal amalgamation of the resident training program of Massachusetts General Hospital Psychiatric Service with that of McLean. Practical details were worked out so that this can start next year. Thus residents will have an approved three-year training towards their American Board of Psychiatry Certification in the combined hospital program. It will at the same time be possible to have partial training at each hospital separately.

The Clinical Service greatly appreciates expansion of physical facilities in which to do psychiatric work. Replacing the necessity of interviewing patients in their bedrooms, the opening of twenty-four new offices enabled administrators and therapists to do their work in a more appropriate manner.

The devoted service of the Nursing Staff, with the help of the Attendants and Student Nurses, is the main framework for daily care of the patients. The physicians are daily indebted to the intelligent and responsive observations and actions of the nursing service towards the patients, and to the Nursing Administration and Teaching Service which sustains this. One of the main "luxuries" of the Private Hospital is here thought a necessity, namely adequate nursing care. The report of the Nursing Department is made separately by Miss Margaret C. Tibbets, Director of The School of Nursing and Nursing Service.

Report of the Director of Internal Medicine, Dr. Mark D. Altschule, concerning the physical health and care of the patients, is made elsewhere. This includes the laboratories and pharmacy. It is felt that the residents and consultants gave especially prompt and thorough attention to physical illness. Certainly the quality of care is not only comforting but also life-saving to the aged.

Publications by members of McLean Hospital Staff of a research and

clinical nature are listed in Massachusetts General Hospital Bulletin of Publications.

The social Work Department, under Miss Golda Edinburg, M.S., (who reports elsewhere) has achieved a most remarkably useful expansion for the Clinical Service, with work which has been well organized and of high quality. This additional attention has meant much not only to the patients but also their relatives.

Group Therapy was continued as a systematically presented opportunity for working out personal and social attitudes in groups, offering corollary benefits to individual psychotherapy. Groups were led by resident physicians.

Numerous procedures for patient care were worked out by consensus in several committees, representative of wide segments of this staff. These were the Professional, Medical, and Administrative Advisory Committees, the Medical Records Committee, and meetings of the Clinical Administrators, Nursing Supervisors, and Head Nurses. These committees, advisory to the Psychiatrist in Chief, labored slowly to produce many changes in procedure, which more rapidly but less wisely could have been decided by fiat.

The two Admission Wards were opened so that most of the new admissions could be cared for by specially oriented medical and nursing staffs. A number of the wards were changed in function and patient population.

It was interesting that the Social Work department could give attention not only to discharge planning but also to aspects of the patient's social adjustment in the hospital, making the hospital thereby a better "milieu". This was of particular importance for the longer term patients. Discharge and treatment planning for patients became more formalized, rigorous, and thoughtful. Plans are considered from many points of view and contributions made not only by the patient, but also by the family, job, psychiatrist, nurse, and especially by the social worker.

Occupational Therapy continued its popular program of treatment under Miss Pinkham with more than twenty thousand patient sessions for the year. There was a more adequate staff, more conferences were held, and new types of projects were begun, such as the cooking class. Men and women mixed more at shops and new attitudes of interest, initiative, and altruism were shown by patients. Many skills were developed to productive level.

Recreational Therapy consolidated Men's and Women's services, and under Mrs. Ada Roth a staff of six covered seven days a week. Three

hundred patients participated for extended periods of time in a wide variety of sports and games, in a companionable way. This department also attended and assisted all meetings of the Patients' Activities Association, reported elsewhere.

The report on Administration is given by Mr. Joseph T. Prekup, but the Clinical Service must pay its respects to the very vital reorganization of the Administration around the clinical needs of the patients. The creation of the budget system, the redecoration of scores of halls and rooms, the creation of two score offices, the improvement in requisition service, the improvements in food and purchasing, the continued acceptance of patients into the work program so that they fill regular hospital jobs, the increased friendliness of the employees with the patients, the revamping of the hospital records, the tremendous amounts of time spent by Administration in studying the interests and needs of the patients,—all of these and many other facts have been of great help in changing and improving this therapeutic hospital.

Physicians arriving by new appointment at the hospital were: Dr. Stanley H. Eldred, Dr. Norman E. Zinberg, Dr. Dorr F. Hallenbeck, Dr. Hadassah Daniels, Dr. Chester d'Autremont, Dr. Francis C. Hersey, Dr. Frederick W. Whiskin, Dr. George Chalpin, Dr. Richard E. Cutler, Dr. Edwin M. Davidson, Dr. Samuel L. Mogul, and Dr. Stanley Van den Noort.

The Hospital regrets the departure from the Service of the following physicians who have given excellent service: Dr. J. Douglass Sharpe and Dr. Robert S. Adams.

Examination of the statistics for patient population during 1957 shows no substantial change from 1956 as far as patients per day is concerned, though there was an increase of 5 patients to 231 per day. Admissions (245), discharges (266), discharge condition, and deaths (18) were approximately the same each year. Two thirds of the patients discharged were recovered or improved. An examination of the duration of stay of patients discharged showed an increased length of stay of the patients during 1957. There was a marked drop of about a third in number of patients staying a very short while, under one month. Then there was an increase by half of the patients staying between three months to over a year. It would not be possible to confidently state the reasons for this increasing length of stay per patient, but this is not necessarily undesirable. Whereas fewer patients are receiving electric shock with quick relief of symptoms, more are staying for thorough diagnosis and psychotherapy. Effective psychiatric treatment with personality change is not rapidly achieved and patients often stay where

increased treatment is available. As for the more elderly patients they constitute the same proportion of the population (43%), these having an average age of 79 years. Only 42% of these elderly patients have chronic brain disease. About half of them have been here more than five years.

The Clinical Service is indebted to the constant interest and service of the Trustees, especially the McLean Committee, in supporting the expansion of the clinical program.

Respectfully submitted,

PAUL M. HOWARD, M. D.
Associate Psychiatrist in Chief

Voluntary Patient Organizations

THE three Voluntary Patient Organizations have continued healthily throughout the year, with some growth but no essential srtuctural change. As reported before, the Patient Activities Association (P.A.A.) is a self-sponsored and motivated group of patients, the central committee generating a stream of social and cultural events for the benefit of the entire patient body. The Patient-Personnel Conference (P.P.C.) is a weekly round table of representative patients and different levels of staff voicing free opinion about diverse aspects of Hospital life — administrative, social, and treatment problems. The Work Program has sponsored regularly structured jobs for patients voluntarily working for the different Departments of the Hospital.

The philosophy of these organizations may be sketched from their effects. They have to an extent made a more meaningful life possible for patients here at the hospital, largely through restoring to them initiative which their "hospitalization" had taken away. The degenerative effects of purposelessness and loss of self-initiated interests are notorious not only in hospitals but in any group of people. Positively stated, it is vital to have in the hospital a social structure and activity which most of the patients can enter and really care for if mental health is to be improved. Instead of hospitalization offering a life which stimulates apathy and phantasy, it can better bring possibilities of interesting "cathectable" reality and a variety of fields where there is practical personality interplay. These organizations have appealed to the extremely heterogeneous differently endowed and cultured, and variously troubled and talented groups of patients. They are animated, "low powered", responsive, and capable of self-change.

The development of job opportunities in the structure of the hospital departments proceeded with more individual than mass success, though about 20 part-time patient jobs continued during the year, and several patients held essentially full-time jobs. Thus, hospitalization does not exclude the patient from regularly held responsibility or the chance to concentrate on common tasks with others. (A poll of working patients studied by Harvard Medical Students noted that these patients deemed work the most valuable hospital asset, next to psychotherapy). Some of the jobs held were: typist, executive secretary, library assistant, garage mechanic, maintenance shop worker, gardener, receptionist, geriatric ward attendant, hospital tour guide, furniture repairman, dietician's assistant, laundry worker, storeroom worker, social service assistant, statistician, accountant. Jobs in the laundry and library were most gen-

erally successful particularly due to interest of the department heads. Some jobs were of great practical use to the hospital, some rehabilitatively were valuable to patients themselves. It was notable that many patients found they could work in areas in which they were not trained. It was remarkable that the hospital adapted itself to receive working patients.

A wide selection of patients and personnel rotated through the P.P.C., the Patient-Personnel Conference, an opinion making round table group. Discussions were always prolonged and animated. More than one hundred topics were discussed; thousands of opinions were voiced. The group followed parliamentary rule, but with a rather free personality interplay, and both staff and patients became more understandable to each other. The group hears the opinionated, the shy, the reforming, the preoccupied, the generous speaker equally and with respect. Opinions were often put to vote and conclusions written to appropriate hospital authorities suggested changes. Opinions were not usually very technical or "expert"; but in areas such as preparation for hospital food or budget, the appropriate department head would take time to come before the table and talk instructively.

Certain tangible changes occurred in the hospital milieu following expression of P.P.C. opinion: increased number of telephones for patients; changes in menu; privileges for patients to walk about at night; evening entertainments; rules permitting patients to visit other wards than their own; increased inter-communication between patients, and staff to patients; revision of informational booklet; stimulation of "hall meetings" (the "democratic base" for patient opinion); Jewish religious services; improved lighting on the grounds; plans for about 60 new outdoor directional signs on the roads. Many suggestions for physical improvement of the hospital were made, this being the easiest topic on which to form opinion. Other subjects were discussed less conclusively, as: delay in filling requisitions, keeping animals on wards, Halfway House, disturbed patient behaviour and its handling, ground privileges, chaplains, traffic speed, fire safety, how the new admission is treated, and in what spirit patients and staff associate together.

The Patients' Activities Association (P.A.A.) now in its fourth year, continued productively. There should be tribute to those patients who through their own thought and initiative have kept this organization rolling, particularly to the patient-elected chairmen who weekly do much work for it — and hence for the hospital. Occasional trends towards dissension or loss of interest have been minor temporary recessions. The cooperation of the Recreational Therapy Department under

Mrs. Ada Roth with the P.A.A. has been in the best spirit of collaboration.

The types of social and cultural activities sponsored by the P.A.A. have been listed in previous reports. Examples this year are: plays, musicals, (patient, staff, or community performers), picnics, sports, weekly painting class, monthly bus outings to points of interest by an average of 29 patients, weekly record hops and many large dances with orchestra and decorated hall, painting and flower exhibit, many lectures and talks by persons from the Community.

These voluntary patient organizations appreciate the opportunity for life and growth afforded by the considerateness and congeniality of the Hospital and its Staff.

Respectfully submitted,

PAUL M. HOWARD, M. D.
Associate Psychiatrist in Chief

Report of the Administrator

THE reorganization and expansion both in the clinical and non-clinical areas of the hospital continued for the second consecutive year. The highest patient census in the McLean history was a factor which added to the pace of activity for both areas. This program has its effects on hospital personnel who continue to require considerable reorientation concerning the aims, purposes, and goals of a modern therapeutic hospital. The difficulties relating to changes are diminishing gradually, which should produce considerable depth to the organizational structure in most departments.

The accrual accounting system proved an effective administrative tool during the year, making possible the identification of expenses committed or anticipated in sufficient time to adequately plan to meet them.

The $5.00 per day rate increase stated in the last Report produced sufficient income to meet current expenses for the fiscal year; however, still another increase in daily rates was necessary this year. Approximately $190,000 in free service was rendered; charges to patients for scheduled psychotherapy were made for the first time, producing income to help support the expanding residency-training program.

To date we have spent $50,000 of the Ford Foundation grant, the major portion of which was used to renovate and equip an admission ward for men; the remainder to provide living quarters for residents and a unit for receiving and caring for patients' personal effects. Plans for relocating the hospital Pharmacy were approved and this Department, like the Patients' Receiving Unit and the new Medical Records Department, will be centrally located in the Administration Building basement.

I. *Accounting*

The many changes last year in the accounting system have continued to affect the entire hospital. The adopted system closely follows the American Hospital Association accounting procedure for hospitals. A more detailed accounting of expense and income was possible and provided essential data for the first formal budget in the history of the hospital.

During the year, machine posting of accounts receivable and payroll became a reality and hand-written statements were eliminated. The personal requisition system for patients was replaced by a charge-ticket system, necessitated by the accounting changes mentioned above. These changes were made with-

out major expenditure or capital investment for equipment or personnel. An accounting committee is currently developing necessary procedures for cost accounting and some expansion in the near future will be necessary for additional space.

II. *Admissions and Pre-Admissions*

By utilizing a portion of the recent Ford Foundation grant, the former Men's Belknap was renovated in its entirety and the first floor is now an admission hall for men. Minor physical changes and redecoration of the second floor were also completed and is now serving as an admission hall for women.

Recognition by insurance companies for the need of third-party payment covering psychiatric illness has created credit and collection problems heretofore unknown to us. Plans are currently underway to develop procedures necessary to handle these admissions properly.

The Rate Study Committee continues to function effectively. Despite the second per diem rate increase in two years, the dollar amount of free service remained essentially unchanged from the previous year.

III. *Dietary and Food Service*

The continued expansion of the various clinical and non-clinical areas of the hospital necessitated the separation of the Dietary Department from the Purchasing Department.

Miss Charlotte Donaldson was appointed Director of Dietetics and Food Service. This Department is now functioning under her supervision. With the establishment of the Dietary Department as a separate unit, the services of two dietitians were procured; one as an administrative assistant to the Chief Dietitian, the other to assist in therapeutic responsibilities. The teaching requisites for the School of Nursing were met, but there is need for an additional dietitian to correlate food service and dietetics more acceptably.

Much groundwork has been accomplished from the administrative approach and the next year should see further progress. Studies regarding work schedules for all dietary personnel and the establishment of more detailed procedures must be carried out. In addition, the basis for cost accounting in the cafeteria has been outlined and training in these procedures has progressed quite satisfactorily.

Standardized recipe files were initiated with the complete

support of personnel in the main kitchen and the bakery. Groundwork for a more controlled supply of provisions to the patient areas, both of stock foods and prepared foods, has been laid and is ready for more detailed administrative work. Pot-washing facilities, urgently needed, have been acquired. Still necessary is an entire face-lifting for the main kitchen and bakery. Consolidation of the present diet kitchen and pantry to provide additional cafeteria space will necessitate minor physical changes.

The Coffee Shop was completely redecorated and continues to be one of the most popular places in the hospital. During the year a "store" was added to the Coffee Shop. It is now possible for patients to purchase sundry articles previously issued from various departments of the hospital. This venture was a complete success and well received by patients and personnel.

IV. *Housekeeping*

The Housekeeping Department office was moved to a more centralized location in the Pierce Building. This change created marked improvement in the morale of Housekeeping employees as well as contributing to a more efficient method of operating within the Department.

In June, after seven years of service, the assistant to the housekeeper resigned and a replacement was obtained on July 1, 1957. This position is presently filling the need of a full assistantship in the Department which is greatly needed because of the demand for closer supervision in the decentralized housekeeping areas throughout the hospital. Area supervisors are needed for both day and night shifts and should be provided soon.

Of further importance was the high rate of turnover in the Department. Thirty-nine new employees joined the Department and thirty-six persons left the service. Turnover of this extent retards considerably the normal flow of work efficiency because of the time spent in orienting new personnel. Unattractive living quarters contribute in part to the total percentage of turnover. Plans in the near future must include provisions for more adequate living quarters.

Newly created offices and other structural changes, combined with opening and closing of patient areas, varied slightly the methods and type of work usually carried on in the Department. More planning will be required to keep pace with these

changes, and the use of mechanical equipment wherever possible will play an important role in properly maintaining these areas. Future plans include the separation of Housekeeping from Food Service functions; the current practice on all patient Halls combines these two areas.

V. *Laundry*

The Laundry continued to operate with a minimum of personnel turnover and maintained quality and production at a high level without interruption of services to the patient and personnel areas.

New scales were installed to facilitate the establishment of a linen-control system. The former ice manufacturing plant, adjacent to the laundry, was renovated to provide space for linen control and storage. A pilot study of an even-exchange linen system was introduced by the Linen Committee. The results are very favorable and we anticipate gradually extending this method to all patient areas.

VI. *Libraries*

(Patients') More patients were actively engaged in library work this year because of the Patients' Work Committee. At one time eleven patients held jobs, working between one to twelve hours a week, with a total of sixty-two patient work hours weekly. Their work consisted of typing, cataloguing, filing, mimeographing, and other duties in the patient and medical libraries. A more detailed report of patient group activities will be given by Dr. Howard in his report.

A committee consisting primarily of patients meets reguarly to select books for the Patients' Library as well as books sold in the Coffee Shop.

(Medical) A portion of Ford Foundation funds was used to increase the number of volumes in the medical library. The services of a medical library consultant were used extensively and the entire medical library was recatalogued under the Miller system. About 2,000 bound medical journals were moved to storage where they will be easily accessible for future reference. This move provided necessary space requirements for approximately 700 new medical library books purchased to date. Missing editions of important medical journals were secured to complete those volumes in our possession.

The activity of books loaned, exclusive of the School of Nursing Library, was as follows:

Volumes loaned to patients	2050
Volumes loaned to personnel	2525
Total volumes loaned	4575

VII. *Maintenance*

The demands on the Maintenance Department have been great and more effort was expended in maintaining a state of reasonable repair throughout the entire hospital. Approximately 2,000 repair requisitions were processed by the Department. Ten additional buildings received exterior repair in painting, roofing, and pointing of bricks. The original yard entrances to all patient buildings, constructed originally to accommodate horse-drawn vehicles, were widened to permit easy access of fire trucks and other vehicles. Three major buildings required extensive roof repairs. A considerable amount of work is still necessary on most building exteriors and will require major capital expenditure in the near future. To maintain Power House equipment at peak efficiency, another boiler was completely rebuilt. Additional street lamps were added to provide well-lighted areas for patients who take walks during the evening hours.

Two new apartments were constructed to provide additional living quarters for the expanding resident staff. Approximately thirty new offices were created, making a total of fifty-four in two years. This was accomplished without loss of patient beds. These offices were furnished for the most part without major expenditure; however, provisions must be made to furnish them more adequately.

A hot-water recirculating system to all buildings was installed. Prior to its installation very little water-temperature control was in existence.

Security rooms on several Halls were constructed and safety glass was installed throughout the entire first floor of Wyman House. The installation of safety glass for Bowditch is in process and will be completed during the coming year. Four nurses' stations were modernized and future plans include the remodeling of the remaining nurses' stations throughout the entire hospital. A section of the Administration Building basement was remodeled to accommodate a unit to handle and re-

ceive all patients' personal effects. The hospital mail room was an added function to this unit.

A preliminary survey was conducted to evaluate the many problems related to our system of manufacturing and distributing direct current. The present direct-current generators were installed before 1900. A long-range capitalization program is necessary to correct these obsolete facilities.

There is need for a program of long-range planning for the modernization and renovation of the interior and exterior of buildings. Another long-range plan is necessary to evaluate the needs for replacement of furnishings and equipment throughout the hospital. This program was recommended in last year's Report. A major architectural study has been suggested for this purpose. Such a study could well include a comprehensive evaluation of the entire physical plant to determine the feasibility and sequence of major structural renovations necessary to accommodate future clinical needs. I would recommend funds for a preliminary study be made available in the next fiscal year.

VII. *Personnel Department*

The major efforts of the Personnel Department were focused on the systematizing and completion of current work information. This was necessary since available personnel records disclosed a poverty of information on hand. Current work data was incomplete and inaccurate, and formal listing of all personnel was non-existent.

An analysis of work functions was made, resulting in the establishment of job controls. Department Heads were familiarized with this procedure and, through these controls, job openings evidenced themselves more readily.

In spite of an unchanging general employment picture, vacancies were filled adequately with the exception of nursing personnel. The health program included immunization against poliomyelitis and the Asiatic influenza of patients and personnel. Employee health insurance was encouraged, resulting in a successful drive for group membership offering additional coverages. The annual Christmas party and United Fund drive were successful.

This Department has assumed responsibility for administering the hospital Pension Plan and a committee is in the process of standardizing personnel policies and records.

After many years of service the following personnel retired:

Name	*Department*	*Years of Service*
Daniel Coleman	Maintenance	39
Mildred E. Fiske	Nursing	15
Constantina M. Fistetto	Sewing Room	20
*Annie E. Gould	Housekeeping	
*Daniel A. Joy	Occupational Therapy	
Antonio Lisa	Grounds	31
*Michael Lomedico	Grounds	24
William McMahon	Nursing	24
Katherine A. MacDonald	Nursing	20
Sarah Marvel	Housekeeping	10
Blanche Miller	Accounting	10
Peter Smello	Grounds	34
Jeannie Thompson	Housekeeping	17
Dora Upton	Housekeeping	15
Albert L. Wilder	Grounds	26
Robina W. Wilder	Sewing Room	27
Theodore Wilder	Grounds	36

*Deceased

IX. *Roads, Grounds and Transportation*

Parking constitutes one of the major problems for the Department of Roads, Grounds and Transportation. The number of cars parking on the hospital grounds has increased six-fold in recent years. Parking problems are concentrated mainly in the areas of the Administration Building and service areas. The conjestion created by lack of proper parking facilities constitutes a major safety hazard which should be corrected as quickly as possible. Several plans to minimize this problem are being considered and recommendations include the construction of additional parking lots.

With the increased number of pedestrians and automobiles, "bumps" in the road have been effectively installed to discourage excessive speeding.

The conversion of the Greenhouse boilers from coal to oil represents the culmination of a five-year plan to eliminate all coal-fired furnaces in the hospital. The Greenhouse again supplied appropriate seasonal flowers to patient areas and vegetables were supplied to the Dietary Department.

An automobile for use by patients was added to our fleet of five vehicles, which recorded approximately 100,000 miles of activity. A new tractor was also added.

X. *Safety Committee*

The Safety Committee continued to maintain a program emphasizing safety consciousness throughout the organization by reducing hazards, conducting campaigns, and periodic inspections of all areas. The reduction of industrial accident and public liability costs has been most satisfactory.

A revised fire-procedure booklet was formulated by the Safety Committee and will be published soon. The booklet outlines the responsibilities and duties of all personnel in case of fire and disaster.

I wish to express my appreciation to the Department Heads and personnel of the hospital who, through their loyalty and their untiring efforts, have helped to meet the many varied demands in providing service to McLean. To the departments of the Town of Belmont who, without hesitation, supplied us with equipment and services whenever they were needed, and to the departments of the Massachusetts General Hospital that contributed much to our planning, I express my sincere thanks.

It is with great sorrow that I note the death of our beloved Director Emeritus, Dr. W. Franklin Wood, who retired from McLean Hospital in July 1956. His kindness, the values of his knowledge, and his teachings will long remain with us.

It is with great pleasure that I respectfully submit this annual report for 1957.

Respectfully submitted,

JOSEPH T. PREKUP
Administrator

McLean Hospital

Compartive Operating Statement — Fiscal Year 1956-1957

	1956-57		1955-56	
PATIENT DAYS	84,169		82,639	
HOSPITAL REPORT				
Gross Earnings	$2,396,515.93		$1,788,916.10	
Other Income	148,349.68	$2,544,865.61	553,831.72	$2,342,747.82
Salaries and Wages	$1,563,009.97		$1,340,212.90	
Supplies and Expenses	800,617.22		956,304.38	
Free Service	201,056.50		183,232.39	
Provision for Bad Debts	18,400.00	2,583,083.69	0	2,479,749.67
Hospital Deficit		$ 38,218.08		$ 137,001.85
Expenses Charged to Funds		62,877.72		60,392.86
		$ 101,095.80		$ 197,394.71
TREASURER'S REPORT				
Expenses				
Corporation Expense	$ 4,910.23		$ 4,824.74	
Insurance	6,431.31		6,358.65	
Extraordinary Expense	5,740.00		39,517.35	
Real Estate Tax (a)	0	17,081.54	23,770.40	74,471.14
		$ 118,177.34		$ 271,865.85
Income				
Gifts	$ 510.00		$ 605.00	
Appropriated Form				
Investment Income	54,917.89		58,229.74	
Temporary Funds	64,967.72	120,395.61	64,872.59	123,707.33
GAIN ADDED TO GENERAL FUND		$ 2,218.27		
DEFICIT WITHDRAWN FROM GENERAL FUND				$ 148,158.52

(a) Real Estate Tax included in Hospital expenses in 1957

Report of the Director of Internal Medicine

THE annual reports of the last few years have called attention to the fact that the McLean Hospital is so organized as to make it difficult to provide the best medical care for those patients who have physical illnesses. Although the health of the patients in general has shown no deterioration in this period, the mechanisms for maintaining this state of affairs have become so cumbersome as to impair the efficiency of the medical staff seriously. Moreover, the physical facilities required for medical care have not kept pace with the changing techniques of examination and treatment; waste of time, delays in communication, and, in occasional instances, less-than-ideal handling of patients, have become a source of concern to the internists of this hospital. Drs. Thomas Hall and John Clark have made a study of the problems involved in the handling of physical ailments here and their report offers suggestions for improving the situation. It is to be hoped that these suggestions will be acted upon soon: they represent a sound plan for remedying the situation. Another change that would improve medical care would be to have a resident in medicine. Ideally such a person should be a member of the resident staff of the General Hospital, detached for service at McLean for a period, although other possible plans could meet the need. When such a resident is appointed, regular, scheduled, medical ward rounds should be initiated.

During the period covered by this report, incurable diseases of old age took their expected inevitable toll among the patients; infectious diseases at no time gave cause for alarm. The patients' prescriptions for medication totaled 16,270, about 10 per-cent more than during the corresponding period of last year. Patients received 704 X-ray examinations of which 40 were of the chest, 62 were of the abdominal organs, and the rest were of the skeletal system; this represents an overall increase of considerable magnitude.

Employes received 963 prescriptions for medication, an increase of about 10 percent, and were given 862 X-ray and 30 electrocardiographic examinations. The problem of the handling of bedridden employes was made much more difficult when the old Observation Ward was abandoned and sick employes were dispersed throughout the hospital.

Mr. Herbert Davidson, X-ray technician, and Mr. Joseph Giancola, clinical laboratory technician, continued to provide their usual efficient service in spite of increased loads.

The Pharmacy requires separate comment. During the period of the present report, 17,233 prescriptions were filled, an increase of about 10 percent. The facilities have been grossly inadequate for some years, and the increasing demand on the pharmacy have made conditions intolerable. A plan for construction of a new pharmacy was submitted in October 1956. Mr. George Zager, Pharmacist, deserves the highest praise, not only for carrying on under conditions that would have demoralized other men, but also because he made time to re-organize the storage of drugs on the halls in the interest of safety and efficiency, to provide for more efficient and cheaper administration of oxygen when needed, and to revise the Emergency Kits kept on each hall.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.
Director of Internal Medicine

Report of the
Director of Research in Clinical Physiology

The work carried on in 1957 lay in two directions.

1. *Studies on epinephrine* (with Dr. Hirsh Sulkowitch).

THESE studies, supported by grants from the Donner Foundation and the Smith Kline and French Laboratories showed that psychotic patients excrete large amounts of substances derived from epinephrine (or its precursors). The nature of these substances has not yet been established but present information indicates that at least some of them are indoles. The importance of these findings lies in the fact that some indoles are known to cause hallucinations. It is possible that whereas stress gives rise to the increased production of epinephrine in all persons, an enzymatic disturbance causes overproduction of hallucinogenic indoles in some, i.e., those who develop psychoses.

A start was made in the study of the metobolism of epinephrine. Reports from other laboratories suggested that epinephrine might be oxidized abnormally rapidly in psychoses and accordingly an investigation of oxidation in the blood of psychotic patients was made here by Messrs. Jay Wurtman and Michael Frank, students at the Harvard Medical School. No increase in oxidation rate was found in the blood of our psychotic patients and evidence was brought forward to show that the increases reported by others were probably due to Vitamin C deficiency; since our patients are well-nourished, their bloods showed no increase in oxidizing activity.

2. *Studies on pineal extracts.*

These studies, supported by the Commonwealth Fund and by the Wilson Laboratories, showed that giving certain extracts reversed the biochemical disorder found in chronic schizphrenic and manic-depressive psychoses. Low blood glutathione, increased excretion of adrenal cortical and adrenal medullary hormones (and their metabolic products), impaired metabolism of glucose, etc. were all reversed by pineal extracts. A significant advance was made when a potent extract free of protein was developed; this made it possible to continue giving the extracts for long periods without the development of antibodies and hence a state of refractoriness in the patients. The active material in the extracts have not yet been isolated.

The publications from this laboratory are as follows:

1. Altschule, M.D., Henneman, D.H., Holliday, P.D., and Goncz, R.-M. Carbohydrate metabolism in brain disease. VII The effect of glutathione on carbohydrate intermediary metabolism in schizophrenic and manic-depressive psychoses. *Arch. Int. Med. 99*: 22, 1957.

2. Victor M., Altschule, M.D., Holliday, P.D., Goncz, R.-M. and County, A. Carbohydrate metabolism in brain disease. VIII Carbohydrate metabolism in Wernicke's encephalopathy associated with alcoholism. *Arch. Int. Med. 99*: 28, 1957.

3. Altschule, M.D., Victor, M. and Holliday, P.D. Carbohydrate metabolism in brain disease. IX Carbohydrate metabolism in chronic alcoholic psychoses. *Arch. Int. Med. 99*: 40, 1957.

4. Altschule, M.D., Goncz, R.-M. and Holliday, P.D., Carbohydrate metabolism in brain disease. X Lack of effect of chlorpromazine and reserpine on carbohydrate metabolism in chronic schizophrenia. *Arch. Int. Med. 99*: 892, 1957.

5. Perrin, G.M., and Altschule, M.D. The physiologic response of schizophrenic and other psychotic patients to a standard emotional stress. *New Eng. J. Med. 256*: 682, 1957.

6. Sulkowitch, H., Perrin, G.M. and Altschule, M.D. Excretion of urinary "epinephrines" in psychiatric disorders. *Proc. Soc. Exper. Biol. and Med. 95*: 245, 1957.

7. Atlschule, M.D. *Roots of Modern Psychiatry.* New York: Grune and Stratton, Inc. 1957.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.
Director of Research in Clinical Physiology

Report of the Director of Scientific Research

DURING 1957, M. K. Gaitonde, Ph.D. and G. Hauser, Ph.D. were appointed to the staff of the Laboratory; G. R. Webster, D. M. also joined the staff for a period of one year as a Rockefeller Traveling Fellow in Medicine (Medical Research Council, U. K.) With these additions, the staff consists, at present, of five M.D.'s, or D.M.), four Ph. D's, four technicians and two laboratory assistants.

During the year, the Laboratory has received $48,434 from the U. S. Public Health Service for its current operation. Also, $63,437 have been received from the Ford Foundation for the same purpose, as the first yearly installment of the five-year grant awarded last year. Finally, the U. S. Public Health Service has awarded to the Laboratory, under the Health Research Facilities, Act, the sum of $146,120 to cover one-half of the cost of adding one floor to the present laboratory building.

The work done during the year was reviewed by the Advisory Committee on January 30, 1958. The following is a summary of the progress reported.

Biochemical Studies

The work carried out has been the continuation and expansion of earlier studies. It has dealt specifically with phosphatido-peptides; with proteolipides, lipides, and the germane question of the identification of the causative agent (s) of allergic encephalomyelitis; with the chemical composition of peripheral nerve; with the composition of brain in some neurological disorders, and, less actively, with strandin, with water-soluble proteins and lipoproteins; and with the continued search for improved methods of analysis and of isolation of brain components. Finally, a major endeavor has been the establishment of the new laboratory for metabolic studies.

In the case of phosphatido-peptides, progress has been made toward the isolation of these substances from the chloroform-methanol insoluble fraction of white matter without treatment with trypsin. It has been found that the materials thus obtained are different from the ones obtained earlier from the trypsin-resistant fraction of white matter proteins. An incidental finding has been the isolation of a water-soluble protein fraction whose aqueous solutions exhibit a remarkable increase in viscosity on addition of small amounts of neutral salts.

The work on proteolipides, on lipides and on the identification of the causative agent(s) of experimental allergic encephalomyelitis have been a single endeavor aimed not only at gathering information on proteolipides, but also at exploring the possibility of making use of the combination of lipides in proteolipides as a short cut to the isolation of certain other lipides, and at proving or disproving the hypothesis of the encephalitogenic power of proteolipides. The study of the chemical composition of the protein moieties of proteolipides from various sources has shown that there are no differences between the various white matter proteolipide fractions and between bovine white matter and human white matter proteolipides; that there may be some differences between white matter proteolipides on the one hand, and gray matter and heart proteolipides on the other; and that in the one case that has been studied, multiple sclerosis does not seem to have affected the amino acid composition of the white matter proteolipides. Progress has been made toward the identification of the lipide moiety (ies)of proteolipides. Finally, the study of the nature of the protein-lipide linkage in proteolipides has established that proteolipides are rendered increasingly unstable by raising the pH above neutrality in the presence of inorganic salts, and that, at pH values above neutrality, this apparent instability is dependent upon the ionic strength of the medium, the effect being proportional to the logarithm of the ionic strength.

The study of the chemical composition of peripheral nerve has shown that the composition of its neural elements is similar to that of central white matter with the important exception that peripheral nerve contains little, if any, proteolipide; it is also poor in strandin by comparison with central white matter.

The study of the composition of human brains exhibiting definite neuropathology is a continuing project which proceeds inevitably at a slow rate since it depends on the availability of adequate, hard to get, tissue samples. The results obtained hitherto confirm, in part, the observations of earlier workers and, in part, suggest leads for future work. Both this work and the study on experimental allergic encephalomyelitis are co-operative endeavors of the Laboratory with the Department of Neurology of the Massachusetts General Hospital.

The organization of the new metabolic laboratory was started in October and is just reaching completion. Facilities have been established for two-dimensional chromatography, for estimation of isotopes, and for other techniques required for work both *in vivo* and *in vitro*. A colony of rats has been started. Two projects have been initiated, one aimed at exploring certain aspects of the biosynthesis of the proteins

and lipides of brain by studying the incorporation of S^{35}-methionine into various fractions of brain proteins, and a similar study of the biosynthesis of lipides by investigation of the *in vitro* incorporation of various C^{14}-labelled substrates into brain lipides.

Neuropathological Studies

Use of the principles and techniques of quantitative histochemistry for investigations in experimental neuropathology has continued under the general direction of Dr. Pope. Studies pursued during 1957 may be summarized under the following headings:

Chemical Architecture of Cerebral Cortex. Microchemical studies on the intralaminar distribution of biochemical entities in relation to the anatomical fine structure of rat and human cortex have continued, but with a shift of emphasis from enzymes to structural components. A necessary prerequisite has been the development of analytical techniques for quantitative estimations of proteins and lipides in microgram quantities of brain tissue. In particular, existing methods have been modified to enable microchemical determination of both non-proteolipide and proteolipide protein fractions. Micro methods for nucleic acids have also been modified to permit simultaneous determination of both pentose and deoxypentose nucleic acids in microtome prepared slices of brain. Analogous ultramicro methods for glycolipides are now in the process of development.

Experiments on the intralaminar distribution of both total and non-proteolipide protein in rat isocortex have indicated that the latter is highest in layer III and, in general, shows an intracortical pattern that probably reflects the total amount of actively metabolizing protoplasmic mass. The protein increment due to proteolipides is greatest at levels rich in myelinated fibers (layers I and IV). Pilot experiments on the architectonic distributions of PNA and DNA in rat cortex, cerebellum, and brain stem, and in human cortex and subcortical white matter have shown an expected correspondence between DNA concentration and the total cell population and between PNA content and the amount of cytoplasmic basophilia (chiefly Nissl body material).

As a measure of the potentiality for lipide turnover, the enzymatic hydrolysis of tributyrin is being investigated in rat cortex and other parts of the nervous system. Preliminary results have shown that tributyrinase activity is relatively constant both in various parts of rat brain and within the layers and sublayers of the somatosensory cortex. It roughly parallels the total cellularity and, in general, appears to be distributed in a

manner similar to that found previously for intracellular proteolytic activity.

Chemical Pathology of Cerebral Cortex. Supplementary to long range studies on the biochemical architecture of normal rat and human cortex (biopsy specimens), certain parallel studies have been initiated on autopsy specimens of human frontal isocortex exhibiting different forms of pathological change. The object of these experiments is to make a preliminary survey of cortical enzyme activity and chemical composition in relation to alterations in histological structure consequent upon various neuropathological processes. Three enzymes are being studied, acetylcholinesterase, 1-alanylglycine dipeptidase, and tributyrinase, as indices, respectively, or neuronal integrity and of the potentiality for protein and lipide breakdown such as might occur in necrotizing and atrophic processes. Parallel studies on the structural components discussed above (proteins, nucleic acids, and glycolipides) are also in progress. During the past year, multiple experiments on the intralaminar distributions of both enzymes and structural elements have been performed on specimens of cortex from cases of senile dementia, hepatic encephatopathy, Jacob-Creutzfeld disease, and the juvenile (Bielschowsky) form of amaurotic idiocy.

Quantitative Histochemistry of Brain Tumors. Eight surgically excised specimens of human brain tumors of the glioma group have been used for microchemical study of enzyme activity in relation to their histopathology. Five experiments have been added to a previously reported series on the activity of dipeptidase in gliomas. The results have confirmed the earlier conclusion that, in brain as in other tissues, proteolytic activity tends to increase with neoplasia. Parallel studies on adenosinetriphosphatases have shown that Ca++ -activated ATPase is essentially the same in gliomas as in normal brain. On the other hand, Mg++ -ATPase activity is considerably lower and fails to show enhancement in the presence of concentrations of sodium and potassium that produce maximum stimulation of this enzyme in normal brain. These findings suggest that the sodium-potassium effect is specific for the Mg++ -ATPase of neurones.

Experimental Thiamine Deficiency. Work has continued on delineation of the neuropathological changes in rats subjected to diets deficient in thiamine. The pathological changes consist of astrocytic hyperplasia throughout many nuclei of the brain stem and cerebellum, evidence of hemorrhagic diathesis in the floor of the fourth ventricle, and symmetrical areas of necrosis in the dorso-lateral pontile tegmentum involving principally the lateral vestibular nucleus.

A micro method for thiamine estimations in blood has been modified to permit analyses on microgram quantities of brain tissue. It is being used to determine thiamine concentration in twelve selected regions of rat central and peripheral nervous systems and in certain other organs. Parallel assays of the same structures during the development of thiamine deficiency and in relation to the histopathology are also in progress. Preliminary results suggest that the course of depletion does not proceed at the same rate in all parts of the brain and that a loss of 80% or more of total brain thiamine can occur before the appearance of neurological signs of deficiency.

Respectfully submitted,

J. FOLCH-PI, M.D.
Director of Scientific Research

Report of the Psychology Department

DURING the past year the Psychology Department has continued its usual functions of diagnostic testing, teaching and research. There were 80 patients seen and 296 tests administered. The major reasons for the psychiatrists' referrals of patients for psychological tests were for evaluation of: 1) dynamics of illness; 2) diagnosis; 3) presence and/or degree of organic damage; and 4) recommendations for treatment. We have also been attempting to arrange to have patients tested both at the outset of hospitalization and again shortly before leaving the hospital, so that additional information on the patients' progress may be available.

Teaching activities have included meeting regularly with medical students and nurses. Research was continued on a comparative study of Rorschach records of adolescent patients and college students of the same age and socio economic status for the purpose of investigating indices of adjustment.

We were happy to welcome Dr. Louis Sherman to the department. He has been appointed as the psychological consultant on Dr. Altschule's experimental project, and he will be available, on a part time basis, to work with Miss Mildred Swinson in the testing of patients.

Respectfully submitted,

IRENE R. PIERCE, Ph.D.
Psychologist

Social Science Department

IN 1957, the appointment of Robert N. Rapoport, Ph.D., formerly engaged in research at the Belmont Hospital in England as Associate Social Anthropologist, has increased the scope of our activities. Dr. Rapoport is currently engaged in exploring the possibilities for Social Science Research.

A research project on the isolation of similarities and differences between cultural groups in schizophrenic ideation and symptom patterns has been continued from last year, and at the beginning of 1958 a course designed to teach some social science concepts to psychiatrists so that they may be applied in clinical work will get underway.

Respectfully submitted,

ANNE PARSONS, Ph.D.
Assistant Social Anthropologist

Psychiatric Social Work Department

DURING the past fiscal year, social work in the hospital has continued to expand. In April, Dr. Norman Zinberg, a member of the Boston Psychoanalytic Institute, accepted the position of consultant to the Department. Mr. Henry Mirsky and Miss Marianne Sommerfeld, psychiatric social workers, joined the staff in June and July respectively, and in August, Mrs. Martha Norton accepted the position of supervisor.

The affiliation with Boston University School of Social Work and Simmons College School of Social Work was most satisfactory; two second-year students majoring in the psychiatric sequence received their training at the hospital.

As the staff increased, the workers began to participate in the admitting process. Relatives were seen at the beginning of hospitalization regarding their questions and concerns, and the worker remained available to them throughout the patient's stay. More time was spent in developing the voluntary work projects, especially by Mr. Mirsky, whose efforts helped the program considerably. Also, more hours were devoted to working with patients regarding their social and work adjustment in the hospital; in many cases, this work was gradually broadened to include discharge planning. Social work contact with patients and/or relatives was continued after discharge to assist with problems of readjustment and rehabilitation in the community. This was arranged either at the request of the psychiatrists or at the request of the patients or relatives themselves. In September, 1957, 16 people were being seen on this basis out of 117 active cases that month.

In addition to case work activities, there has been an increase in the formal teaching time offered to nurses as well as more participation on administrative committees.

In May, the hospital, in conjunction with the Social Work Department, for the second consecutive year, acted as host to the Psychiatric Social Work Section, Eastern Massachusetts Chapter, National Association of Social Workers. In June, the staff outgrew its space on the second floor of the Administration Building and moved to the third floor.

For the coming year, it is hoped that the program will continue to develop with more concentration on pre-admission work, discharge planning, and research projects.

Respectfully Submitted,

GOLDA M. EDINBURG
Director, Psychiatric Social Work

The Nursing Department

NURSING SERVICE

THE organizational structure in nursing including both the nursing service groups and the school of nursing faculty group, which was put into effect in 1956 has been followed, but since the framework slows the channels for decision making and administrative recommendations in the service area, a special committee is now working to improve the functional structure, developing it to include a coordinating council to provide for satisfactory implementation.

There has been a reduction of responsibilities of the supervisory group in relation to the care of patients' property, mail and other matters related to the patients' material necessities. The Patients' Receiving Unit was relocated from Admission Belknap Building into a spacious, well-lighted area in the basement of the Administration Building.

Property of new patients is retained in this area if not in use. Further plans are to develop a second area for property of long term patients. When the two locations are established, it will be possible for patients to take active part in placing and receiving their property through this service.

The supervisory and head nurse groups have spent more time on the direction of patient care. Regular weekly work conferences have been instituted in addition to regular communications at change of shifts, thus improving communications. Participation in patient personnel conferences has helped to interpret the needs of the patients both on the wards and in the hospital as a whole. Conferences with nurses have been geared toward growth and development in their relationships along with an understanding of the need of providing adequate physical environment for all within the nursing care units. Evaluations of nurses' performance have been guiding factors in the placement of nurses in relation to stability and potential value in patient care.

Among the problems discussed and implemented by administration of nursing service is the participation in preparation of proposed policy changes which affects the care of patients as well as the functions of the personnel.

Nurses have been more involved with hospital committees which have worked on changes relative to the care of patients such as night-walking privilege, care of pets, boundaries of freedom on the hospital grounds, increased time for visitors, volunteer work in hospital

departments, spending money, day care programs, public relations, danger list procedure, development of the store in the coffee shop, and surveys of modern equipment in geriatric nursing. Nurses have also participated in revising of nursing and medical records to increase effectiveness and reduce clerical work, evaluating safety measures, developing the Charge Ticket System, revising requisition procedures, planning Hospital Christmas Parties for all, planning the United Fund Drive, discussing overall personnel policies, and preparing the first annual budget.

In terms of quantity to provide nursing care, the full-time staff nurse group has decreased from 60 to 54, and the part-time group has decreased from 34 to 27. The part-time nurses have been encouraged to work at least twenty hours weekly and some have begun to work full-time. Although the change in numbers during 1957 does not show a great variation the changes involving increased activities and freedom of patients has required an increase of nursing service care. It has been difficult to meet this need, and employment of nursing personnel with experience in psychiatric nursing has been sought without any appreciable amount of success. An intensified recruitment was started and material has been printed in the American Journal of Nursing, local town newspapers and newspapers in the leading cities in New England.

Despite extensive efforts to attract licensed practical nurses who will help us to release graduate nurses from the geriatric to the acute services, no gain was made.

The full-time psychiatric aide group has increased from 56 to 78 and the part-time group has decreased from 44 to 29. They have been encouraged to work at least twenty hours weekly and some of them have changed to full-time.

During the summer the trustees voted that all nurses would receive salary raises commensurate with the changes made in the Metropolitan Boston area to take effect on September 1, but in order to more easily implement the change it was recommended that the effective date be the beginning of the fiscal year on September 30 and this recommendation was accepted. Salary ranges were set up in accordance with the new plan and personnel policies and practices for Supervisors, Head Nurses, Assistant Head Nurses, Staff Nurses, Licensed Practical Nurses and Psychiatric Aides were revised in preparation for evaluation and guidance interviews including salary changes for the new fiscal year.

The fringe benefits begun in October 1956 given for night duty and evening relief assignments of two months or longer have encour-

aged nurses and aides to work those assignments. The problem of night duty is slight as compared to the continuity of assignment for the evening relief shift which is still critical although some change has come about. The use of part-time personnel is still in effect, but there has been an increase in numbers from 7 to 20 full-time personnel including nurses and aides who now work the straight evening relief period. If this stability expands and the number of personnel is increased it will then be possible to encourage further activities and more freedom for patients during the evening hours.

Staff education in psychiatric nursing is an outstanding need for graduate nurses, licensed practical nurses and psychiatric aides. The program at present, though limited, has included weekly clinical instruction on the wards given by doctors, clinical instructors and head nurses; individual and group instruction in regard to psychiatric treatments such as psychotherapy, tranquilizing and other drugs, electric shock, insulin courses and the voluntary organizations such as occupational and recreational therapies; reviews of medical techniques and nursing procedures; opportunities to attend psychiatric nursing classes given to students when new material is discussed or films are shown pertinent to psychiatric nursing. Special attention has again been focused upon a series of programs sponsored by Esther Lucille Brown, Director of University and Community Relations, Boston University School of Nursing. The content of the programs offered to nurses included interesting developments in nursing and the health services, particularly from a human relations point of view.

Special arrangements have been made for the Nurses and Psychiatric Aides who work either full-time or part-time to continue their education at nearby colleges. Twenty-four nurses and thirty-seven aides have realized this opportunity.

The special psychiatric nursing educational program approved by the American Nurses Association for nurse visitors from other countries has continued. One nurse each from Finland, British Guiana, the Philippine Islands and Israel have enrolled in 1957 on a combination working and educational basis. The program is a flexible one and geared to the needs of the individual nurse. Special assignments for two of these nurses included observation and/or participation in the twelve week affiliating course in psychiatric nursing given to undergraduates from general hospital schools of nursing. Field trip opportunities related to mental health were offered and time arrangements were made for enrollment in psychiatric nursing or other related courses.

Recommendations for improvement of nursing service at McLean Hospital for 1958 are: 1) That a full-time nurse instructor, qualified educationally and professionally in psychiatric nursing, and who has no other responsibilities except the direction of an educational program for nursing service personnel, be employed; 2) that salaries for all nursing service personnel be comparable to salaries paid anywhere in the United States for the care of the mentally ill patient, and 3) that suitable uniforms be furnished for the male psychiatric aides.

In 1957 the help and guidance given to the nursing service was appreciated. I wish to thank the Board of Trustees, the Medical Staff and all the other hospital departments, and I look forward to the continuation of such support in the coming fiscal year 1957-58.

THE SCHOOL OF NURSING

The year 1957 marks the Seventy-fifth Anniversary of the McLean Hospital School of Nursing, the first formally organized training school in a hospital for the insane in the world. A brief story of progress was given at the annual graduation exercises on September 9th in lieu of the usual annual report of the school. A copy of this report can be found on file at the hospital.

Our School of Nursing Advisory Committee has held regular meetings in which the members have given valuable advice concerning the needs of the school and have interpreted the program in various ways to the general public. Although the function of the committee pertains to the School of Nursing, special attention was also given to the overall organizational change within the hospital.

The cost accounting has continued but has been absorbed in the accounting department. Objectives need to be evaluated and a closer relationship formed in order to interpret the needs of the school.

Although complete separation of functions in the educational and service areas of nursing was realized in 1956, it was soon found that the organizational framework slowed the channels for decision making and administrative recommendations, particularly in the service area. A special committee was formed from the faculty membership, and the resulting Revised By-Laws of the Faculty Organization of the McLean Hospital School of Nursing were finally accepted by vote of the members and put into effect early in September 1957. The major changes were: 1) complete separation in-so-far as structure is concerned, yet showing nursing service representation as needed; 2) confinement of functions of many committees into fewer committees, and 3) provision

for a great many advisors and resource persons who are expert in their own fields.

One Clinical Instructor resigned to accept a position as Director of Nurses at a private psychiatric institution. Since we have been unable as yet to fill this vacancy, the need has been met by the appointment of a young 1957 graduate of the McLean Hospital School of Nursing as a Clinical Interne in Psychiatric Nursing who is working directly with a more experienced Psychiatric Nursing Clinical Instructor.

An outline of an Orientation Program for new Faculty Members was prepared and approved. This is the formal beginning of a staff education plan for faculty members.

Salary ranges for faculty members were increased and were put into effect in September 1957. This increase placed us on a competitive basis in Massachusetts but does not meet the salary ranges in other parts of the United States.

Faculty members served on local, state and national professional nursing organizations. Participations with the National League for Nursing included membership on the Mental Hygiene and Psychiatric Nursing Committee and the Curriculum Committee of the Associate and Diploma Degree Programs. State and local activities centered around programs in psychiatric nursing, recruitment of students and problems of hospital schools of nursing.

Mrs. Mildred C. Makin, Assistant Director of the School of Nursing, was appointed part-time Staff Member of the Department of Diploma and Associate Degree Programs of the National League for Nursing. She took active part in 1957 in accreditation surveys of eight diploma Schools of Nursing in various parts of the United States.

The plans to obtain qualified students have continued. Special attention was given to personal interviews for applicants who found it less difficult to be seen on Saturdays.

The number of applicants in 1957 was 136 as against 90 in 1956. Out of 136, only 21 were selected as against 24 out of 90 the year before. The increase in numbers of applicants was among those who lacked educational qualifications. Guidance was given where appropriate in the hope that they will receive further education and reapply. Out of the 136 applications in 1957, 63.9% are men, 36.1% are women.

Among the men accepted, 9 are receiving funds from the Veterans Administration. Of the total group two are sponsored by the Indiana Division of Mental Health.

In March a public investiture service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. Mr. Lewis L. Bartlett, a graduate of the McLean Hospital School of Nursing and now the Assistant Chief of Nursing Education at the Brockton Veterans Administration Hospital spoke.

The annual Graduation Exercises were held in September when six women and fifteen men received their diplomas. Dr. Leon Sternfeld, Commissioner of Public Health in the city of Cambridge gave the Commencement address. The change in the time of year for the Commencement Exercises from spring to fall made it more realistic to the students by receiving the actual diploma in place of an announcement of graduation since the actual completion date was at that period.

The student association has been particularly active in relation to student living and made timely recommendations to the faculty in this respect. Its participation with the district and state councils of the Massachusetts State Council of Student Nurses has been outstanding. Once during the year the association played host to over 300 student nurse members at their annual meeting on the district level.

Scholarships and loan funds are needed for some students. The Annabella McCrae Scholarship Fund totals are $4077.20 toward its $5,000 goal. The McLean Hospital Nurses Alumni Association Scholarship Fund has reached the $5,000 mark. Nine students used the loan fund in 1957.

The following progress has been made to improve the instruction and guidance of students in the basic programs: 1) Integration of some aspects of diet therapy; 2) correlation of the basic sciences, nutrition and pharmacology with fundamentals of nursing; 3) a twelve week affiliation for men students in Obstetrical Nursing at the Boston Lying-in Hospital; 4) revision of the offerings in the Social Sciences; 5) the introduction of self-evaluation reports for students; and 6) the introduction of a cumulative and final student record.

A newly formed Intercollegiate Administrative Committee for Psychiatric Nursing met and the Director of the School of Nursing and Nursing Service was appointed to serve as a consultant. The members are the Deans or Directors of the Collegiate Schools of Nursing and the Psychiatric Nursing Faculty Members who are directly responsible for planning, teaching and evaluation of the psychiatric nursing course. The schools represented are those whose students are now in the collegiate cooperative plan with McLean Hospital. This group met with Dr. Alfred H. Stanton, Psychiatrist in Chief, to interpret the plans for

the coming year and to discuss the values of the program according to the accepted philosophy and psychiatric care at this hospital.

The school of nursing continues to hold Agency Membership in the Department of Associate Degree and Diploma programs of the National League for Nursing. The hospital played host once in 1957 to the active Massachusetts Agency group which studies problems in hospital schools of nursing.

Recommendations for the improvement of the School of Nursing in 1958 are: 1) That the School of Nursing share a professional librarian with other personnel in the hospital and that the present library be transferred to the old dining room area in Higginson House to increase space and seating capacity along with the necessary reconstruction to provide adequate library facilities; 2) that all instructional areas be reconstructed in order to increase teaching space; 3) that all instructional areas be redecorated; 4) that the Men Nurses Home be redecorated; 5) that the number of Psychiatric Nursing Clinical Instructors be increased from 2 to 3 by at least one Assistant Clinical Instructor during 1958; and 6) that there be an increase in salary scale ranges which are comparable to salaries paid anywhere in the United States in the field of psychiatric nursing education.

The progress of this school as outlined is a result of the concerted effort on the part of all participants, and it is with appreciation I include the Board of Trustees, the Advisory Committee of the School of Nursing, the Medical Staff, the members of all the hospital departments, the nursing service personnel, the School of Nursing faculty and the student nurses in all the educational programs.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.
Director of the School of Nursing and Nursing Service

McLean Hospital

Reports of the School of Nursing and Nursing Service

NURSING SERVICE PERSONNEL, YEAR ENDING SEPTEMBER 30, 1957

	Women	Men	1956-57
Average No. Graduates	65	14	79
Average No. Graduates—*Part-time	11	2	13
Average No. Licensed Practical Nurses	1	0	1
Average No. Accepted Students	18	33	51
Average No. Preclinical Students	5	12	17
Total	100	61	161
Average No. Psychiatric Aides	43	31	74
Average No. Psychiatric Aides—*Part-time	7	8	15
Total	50	39	89
Total No. Preclinical Students Admitted	6	15	21
Preclinical Students Dropped or Resigned	2	2	4
Accepted Students Dropped or Resigned	3	6	9
Total	5	8	13
Students Graduated	9	12	21
Student Veterans Enrolled — P.L. 550 and P.L. 894	0	27	27

*Expressed in equivalent of full-time

NURSING SERVICE PERSONNEL, SEPTEMBER 30, 1957

Graduate Nurses	Women	Men	Total
Full-time	61	13	74
Part-time	21	6	27
Total	82	19	101
Licensed Practical Nurses	1	0	1
McLean Hospital and Affiliating Student Nurses			
Accepted Students	10	26	36
Preclinical Students	6	15	21
Affiliating Students from Other Schools	39	0	39
Total	55	41	96
Total Nursing Personnel	138	60	198

Psychiatric Aides	Women	Men	Total
Full-time	50	29	79
Part-time	15	18	33
Total	65	47	112
McLean Students on Affiliation			
Massachusetts General Hospital	7	26	33
The Children's Hospital	3	0	3
Boston Lying-in Hospital	0	0	0
Total	10	26	36
Affiliatang Students from other Schools Who Completed Course 1956-1957:			
Massachusetts General Hospital	142	0	142
The Children's Hospital	48	0	48
M.G.H. Radcliffe College Program	4	0	4
Simmons College School of Nursing	27	0	27
University of Massachusetts School of Nursing	4	0	4
Graduates	13	1	14
Total	238	1	239
Graduates from Foreign Countries Who Observed 1956-1957:			
British Guiana	1	0	1
From Finland	1	0	1
From Israel	1	0	1
From Phillipines	1	0	1
Total	4	0	4

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of February 1958, including subsequent appointments received, effective up to and including July 1, 1958

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
admin.: administrative; administrator
an.: anesthetist
anthropol.: anthropologist
assoc.: associate
attend.: attending
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
c.r.p.: chief resident physician
c.r.s.: chief resident surgeon
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
immunol.: immunologist
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
physiol.: physiologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc. res. assoc.: scientific research associate
soc.: social
sociol.: sociologist
supt.: superintendent
u.: urologist
virol.: virologist

Italics indicate to what service of the Hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biol.: Biology
Biomechan.: Biomechanics
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
M.G.H. Clin.: M.G.H. Clinics
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department

Oph.: Ophthalmology; Ophthalmic
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology
P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine
Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing
Soc. Serv.: Social Service
S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital
Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no state is indicated.

ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935 M. G. H.
Abbott, L. C., *Or.* 1916
Univ. Hosp. Med. Center, San Francisco, Calif.
ABRAMSON, D., a. obst.
127 Bay State Rd.
Acheson, G. H., *W.M.* 1939
Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio
ACKERMAN, I. P., a. *M.* (*M.* 1951); r.p. 1955 M. G. H.
ADAMS, F. D., *Bd. of Cons.* (*W.M.* 1918) 226 Marlborough
Adams, H. D., *E.S.* 1932; r.s. *E.S.* 1934 605 Commonwealth Ave.
ADAMS, J., Jr., assoc. d.
704 Huntington Ave.
Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939 31 Stone Ave., Newton
Adams, Raymond A., r.p. *N.* 1951
Univ. of Virginia Med. Sch., Richmond, Va.
ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939 M. G. H.
Adams, W. B., *E.M.* 1918
Owls Head, Maine
Adamson, G. L., r.p. *N.* 1930
Winnipeg Clinic, Winnipeg, Manitoba, Canada
ADLER, M. H., a. psychiat.; attend. psychiat. (*McL.*)
130 Washington, Newton
ADLER, S., a.r.s. *Or.* M. G. H.
Ahnlund, N. W., r.s. *Or.* 1943
Santa Clara County Hosp., San Jose, Calif.
Albert, J., a.r.p. *D.* 1956
165 Columbia Rd., Dorchester
Albright, E. C., *W.M.* 1942
3901 Euclid Ave., Madison, Wis.
ALBRIGHT, F., *Bd. of Cons.* (*W.M.* 1926) M. G. H.
Albuquerque, P. F., r.s. *U.* 1944
Rua Gomes Carneiro No. 28, Rio de Janeiro, Brasil
Aldwin, F. J., *C.M.* 1933
185 Crown, Meriden, Conn.
Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923
Commercial National Bank Bldg., Iron Mountain, Mich.

Allen, D. W., *M.* 1955; a.r.p. 1956
c/o Prof. Linus Pauling,
California Inst. of Tech.,
Pasadena, Calif.

ALLEN, H. F., a.s. *Oph.* (*W.S.* 1943)
200 Beacon

Allison, C. R., *W.M.* 1938; a.r.p.
1940 176 S. Goodman,
Rochester, N. Y.

Alper, J. M., *E.M.* 1935
425 West End Ave., New York, N.Y.

ALPERT, D. R., a. *Oph.*
41 Bay State Rd.

Alston, E. F., *Path.* 1944; a.r.p. *Path.*
1945 2107 Van Ness Ave.,
San Francisco, Calif.

Alt, R. E., *W.S.* 1933
1 Monument Sq., Beverly

Alton, B. H., *W.S.* 1916
27 Elm, Worcester

ALTSCHULE, M. D., dir. *Int. M.*
and *Res. Clin. Physiol.* (*McL.*)
74 The Fenway

AMES, A., III, assoc. biochem. *N.S.*
M. G. H.

AMICK, A. F., a.r.p. (*M.* 1957)
M. G. H.

Andersen, E. W., a.r.p. *An.* 1948
Enighedsvey 7, Chl.,
Copenhagen, Denmark

Anderson, Erna G., r.p. *C.M.* 1943
815 Greenleaf Ave., Glencoe, Ill.

Anderson, R. L., *Or.* 1927
1208 Kanawha Blvd., East,
Charleston, W. Va.

Andrew, N. W., r.p. *An.* 1956
Mary Imogene Bassett Hosp.,
Cooperstown, N. Y.

ANGELINI, H. D., a. *Otolar.*
3 Seaward Ave., Wellesley Hills

ANGLEY, J. C., a. *M.*
School, Bryantville

Anthonisen, Margaret R., r.p. *Psychiat.*
(*McL.*) 1934
Mary Hitchcock Memorial Hosp.,
Hanover, N. H.

Anthonisen, N. L., r.p. *Psychiat.*
(*McL.*) 1932
20 Linden, Brattleboro, Vt.

Aprahamian, H. A., a.r.p. *An.* 1956
Grace-New Haven Community
Hosp., New Haven, Conn.

Arnstein, A. R., *M.* 1956; a.r.p. 1957
M. G. H.

ARONOW, S., a. physicist *M.* M.G.H.

Arrowood, Julia G., r.p. *An.* 1936
Boston Univ. Med. Sch.

Arthur, R. J., *C.M.* 1952
Children's Med. Center

Arzimanoglou, A. A., a.r.s. *Or.* 1952
Lakeville State Sanatorium,
Middleboro

ASTER, R. H., a.r.p. (*M.* 1958)
M. G. H.

Atherton, L. D., r.s. *U.* 1952
321 W. Broadway,
Louisville, Ky.

ATKINS, L., a. *Path.*; r.p. *Path.* 1955
M. G. H.

Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.

Atwood, W. G., *W.S.* 1921
151 Rock, Fall River

AUB, J. C., *Bd. of Cons.* (*E.M.* 1915);
h.p. *E.M.* 1917 M. G. H.

AUFRANC, O. E., v.s. *Or.* (*Or.* 1938);
r.s. *Or.* 1939 266 Beacon

AUSTEN, F. K., r.p. (*M.* 1955)
M. G. H.

AUSTEN, W. G., a.r.s. (*S.* 1956)
M. G. H.

Austin, Grace L., r.p. *D.* 1930
25 Albert Ct., Kensington S.W.7,
London, England

AUSTIN, R. C., a. *S.* (*S.* 1951); r.s.
1956 Concord Med. Center,
Concord;
M. G. H.

Averill, J. H., *M.* 1947
249 Crescent, Northampton

AYER, J. B., hon. p.; cons.n. (*McL.*)
319 Longwood Ave.

Ayers, W.B., *W.S.* 1943
75 Central Park West,
New York, N. Y.

Ayres, S., Jr., *W.M.* 1920
2007 Wilshire Blvd.,
Los Angeles, Calif.

Bachulus, M. J., *E.S.* 1934
146 Chestnut, Springfield

Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline

Badal, D. W., r.p. *Psychiat.* 1942
University Hosp., Cleveland, Ohio

BADGER, T. L., *Bd. of Cons.* (*E.M.*
1928) 264 Beacon

Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke

Baird, P. C., Jr., r.p. *E.M.* 1932
270 Commonwealth Ave.

BAKAY, L., a. *N.S.*; sr.r.s. *N.S.* 1951
M. G. H.

BAKER, D. V., Jr., clin. assoc. *S.*
(*E.S.* 1943) 40 Broad

BAKER, G. P., Jr., a.r.p. (*M.* 1958)
M. G. H.

BAKER, M. P., p. (*E.M.* 1930)
262 Beacon

Baker, R. L., r.p. *N.* 1943
603 Mayer Bldg., Portland, Oreg.
BAKER, WILLIAM H., a.p. M. G. H.
Baker, William J., *W.S.* 1943
1071 Brush Hill Rd., Milton
BALAZS, E. A., biochem. *Oph.*
99 W. Cedar
BALBONI, G. M., hon. p. 20 Prince
BALBONI, V. G., a.p. (*W.M.* 1942)
M. G. H.
BALCH, F. G., hon. s. (*W.S.* 1893)
109 Moss Hill Rd., Jamaica Plain
BALCH, F. G., Jr., *Bd. of Cons.* (*E.S.* 1925) 1180 Beacon, Brookline
Balfour, D. C., Jr., *E.M.* 1943
Mayo Clinic, Rochester, Minn.
BALL, R. E., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
BALLANTINE, H. T., Jr., assoc. v.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 M. G. H.
BALLARD, F. B., Jr., a.r.p. M. G. H.
Bally, P. R., a.r.p. 1956
Peter Bent Brigham Hosp.
Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 86 Dodge, Beverly
Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough
Banker, Betty Q., a.r.p. *N.P.* 1954
Boston City Hosp.
Banks, H. H., a.r.s. *Or.* 1952
416 Marlborough;
Peter Bent Brigham Hosp.
Banks, R., Jr., *E.S.* 1943
143 Erie Ave., Decatur, Ga.
Barber, T. M., *E.M.* 1923
532 Med. Arts Bldg.,
Charleston, W. Va.
BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.
BARKER, R. H., assoc. obst. (*W.S.* 1937) 1101 Beacon, Brookline
BARLOW, JOHN S., a. *N.* M. G. H.
Barlow, Joseph J., r.p. 1955
c/o Dr. Alexander Kellie,
Middlesex Hosp., London, England
BARNES, B. A., a. *S.* (*W.S.* 1945); a.r.s. 1952 M. G. H.
Barnett, C. G., *M.* 1954
2506 Green, San Francisco, Calif.
Barnett, T. B., *M.* 1950
Strong Memorial Hosp.,
Rochester, N. Y.
BARNEY, J. D., hon. s. (*E.S.* 1905)
412 Beacon
BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon, Brookline
BARR, J. S., c. *Or.* (*Or.* 1929)
234 Marlborough; M. G. H.
Barretto, O. de F., *An.* 1944
Rua Armando Penteado 356
(Pacaembú), Sáo Paulo, Brasil
Barrow, D. W., *E.S.* 1937
Milwaukee County Hosp.,
Milwaukee, Wis.
Barrows, L. J., r.p. *N.* 1952; r.p. *N.P.* 1953
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 M. G. H.
Barry, Richard M., a.r.p. 1957
34 Martling Ave.,
Pleasantville, N. Y.
BARRY, RT. REV. ROBERT P., *Trustee* 71 Warner, W. Somerville
BARRY, ROY J., a. *R.*; r.p. *R.* 1957
M. G. H.
Barss, T. P., a.r.p. *An.* 1950
Good Samaritan Hosp., Lexington, Ky.
Barth, T. A., a.r.s. *Or.* 1957
Medico-Dental Bldg., Stockton, Calif.
BARTLETT, M. K., v.s. (*W.S.* 1931)
M. G. H.
Bartlett, W. M., *C.M.* 1927
125 Michigan Ave., Decatur, Ga.
Barton, L. G., Jr., *E.S.* 1914
132 Court, Plattsburg, N. Y.
Bate, J. T., r.s. *U.* 1925
332 W. Broadway, Louisville, Ky.
Batt, R. C., r.p. *R.* 1940
206 Glen, Glens Falls, N. Y.
BAUE, A.E., a.r.s. (*S.* 1955) M. G. H.
*Bauer, F. L., *Path.* 1941
Rodriguez Army Hosp., APO 851,
c/o Postmaster, New York, N. Y.
BAUER, W., c. *M.*; r.p. *W.M.* 1927
M. G. H.
BAUMGARTNER, D. A., Jr., a.r.s.
M. G. H.
BAUTISTA, FLOROSA A., a.r.p. *C.M.* M. G. H.
Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946 2025 Shore Blvd.,
Astoria, Long Island, N. Y.
Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936 520 Commonwealth Ave.
BECK, P., a. *Oph.* 43 Austin,
Portsmouth, N. H.
BECK, W. S., a.p. M. G. H.
Bedell, R. F., *C.M.* M. G. H.
Bedell, W. C., *E.S.* 1945
168 S. Cherry, Poughkeepsie, N. Y.

*Not in States and Cities section of this Directory

BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.
Beeman, C. B., *Path.* 1934
16 Monroe Ave., N. E., Grand Rapids, Mich.
BEETHAM, W. P., s. *Oph.*
108 Bay State Rd.
BEHRINGER, G. E., a. *S.* (*W.S.* 1946); a.r.s. 1952 M. G. H.
BELL, E., assoc. biol. *N.S.* M. G. H.
Bell, G. O., *W.M.* 1936
321 Crafts Rd., Newton
Bell, John F., *Or.* 1941
288 Main, Burlington, Vt.
Bell, John W., *E.S.* 1946
Vet. Adm. Hosp., Seattle, Wash.
BELLINGER, M. J., clin. assoc. *S.*
114 Waltham, Lexington; 270 Commonwealth Ave.
BENDA, C. E., a. psychiat.
111 Pleasant, Arlington
Bendheim, O. L., *W.M.* 1938
1515 N. 9th, Phoenix, Ariz.
BENDIXEN, H. H., a. an. M. G. H.
BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.
BENEDICT, PATRICIA H., a. *M.*
264 Beacon
Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951 3020 Washington, San Francisco, Calif.
Bennett, C. B., *Or.* 1923
1122 University Ave., Berkeley, Calif.
BENNETT, DORIS R., clin. assoc. *C.M.* (*C.M.* 1951); a.r.p. *C.M.* 1952 33 Southgate Pk., W. Newton
Bennett, Lillian F., *C.M.* 1946
Johns Hopkins Hosp., Baltimore, Md.
Bennett, W., *M.* 1948; a.r.p. 1949
New Eng. Center Hosp.
BENSON, J. A., Jr., a. *M.* M. G. H.
BERENBERG, W., cons. *C.M.*
Children's Med. Center
Berg, H. W., r.p. *D.* 1936
75 Willett, Albany, N. Y.
BERG, R. L., assoc. p. (*M.* 1944); c.r.p. 1950 M. G. H.
Berkheimer, G. A., r.s. *Or.* 1941
112 State, Harrisburg, Pa.
Berkley, H. K., *C.M.* 1916
153 S. Lasky Dr., Beverly Hills, Calif.
Berlow, S., *C.M.* 1951; c.r.p. *C.M.* 1954 1513 E. Capitol Dr., Milwaukee, Wis.
BERNSTEIN, N. R., a. *Psychiat.*; a.r.p. *Psychiat.* 1954
270 Commonwealth Ave.
Bickley, D. W., *W.M.* 1936
318 W. 4th, Waterloo, Iowa
Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949
203 State, Portland, Maine
Bienvenu, L. J., a.r.p. *D.* 1951
1426 Elm, Manchester, N. H.
Bigelow, F. S., *E.M.* 1943; a.r.p. 1947
Vet. Adm. Hosp., W. Roxbury
Billig, H. E., Jr., *Or.* 1935
Billig Clinic, Los Angeles, Calif.
BINGER, C. A. L., *Bd. of Cons.* (*E.M.* 1915) M. G. H.
Binion, J. T., *M.* 1953; a.r.p. 1954
National Inst. of Health, Bethesda, Md.
BIRD, K. T., a. *M.* (*M.* 1944) M. G. H.
Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg., Omaha, Nebr.
Bishop, R. C., *M.* 1945; a.r.p. 1949
Simpson Memorial Inst., Ann Arbor, Mich.
Bixby, H. I., *W.S.* 1924
21 Park, Attleboro
BLACK, P. H., a.r.p. (*M.* 1957) M. G. H.
BLADE, W. R., r.p. *R.* M. G. H.
Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.
BLAND, E. F., p. (*E.M.* 1929) M. G. H.
BLANE, H. T., a. psychol. M. G. H.
BLANK, I. H., assoc. biochem. *D.* M. G. H.
Bliss, H. A., *M.* 1945; a.r.p. 1947
4 W. Clearfield Rd., Havertown, Pa.
Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio
Blodgett, F. M., *C.M.* 1946; c.r.p. *C.M.* 1950
Grace-New Haven Community Hosp., New Haven, Conn.
Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.
BLOM, G. E., assoc. psychiat. M. G. H.
Bloomberg, W., r.p. *N.* 1931
Cushing Vet. Adm. Hosp., Framingham
Bloomer, E., *E.S.* 1917
22340 Michigan Ave., Dearborn, Mich.
Bloomfield, D. K., r.p. 1957
Dept. of Chem., Harvard Univ., Cambridge

Blunden-Morris, Dulcie E., a.r.p. *An.* 1953 306 Patterson Ct., Takoma Pk., Md.

BOCK, A. V., *Bd. of Cons.* (*W.M.* 1917); sr.h.p. *W.M.* 1924 13 Holyoke, Cambridge

Boger, W. P., a.r.p. 1942 Box 236, West Point, Pa.

Boller, C., *E.M.* 1929 276 Dorchester Rd., Rochester, N. Y.

BONNER, FRANCES J., a. *Psychiat.* 127-A Bay State Rd.

Boone, J. A., *C.M.* 1934 Med. Coll. of South Carolina, Charleston, S. C.

BOOTH, N. A., a.dn.s. 82 Day, Norwood

Borden, R. P., *W.S.* 1914 52 Main, New Britain, Conn.

BORUCHOFF, S. A., a. *Oph.* 192 Bay State Rd.

Bosco, H. F., *Dn.* 1946 319 Commonwealth Ave., New Britain, Conn.

Bost, F. C., *Or.* 1929 384 Post, San Francisco, Calif.

Boutwell, H. K., *E.M.* 1905 15 Green, Brookline

Bowden, L., *E.S.* 1941; a.r.s. 1942 863 Park Ave., New York, N. Y.

Bowditch, H., *W.M.* 1911 44 Harvard Ave., Brookline

BOWER, W. H., assoc. psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1949 McLean Hosp., Waverley

Boyd, H., *C.M.* 1922 935 Main, Manchester, Conn.

Boyden, A. M., *W.S.* 1934 1216 S. W. Yamhill, Portland, Oreg.

Boyes, J. H., *Path.* 1930 1401 S. Hope, Los Angeles, Calif.

Boylston, B. F., sr.r.s. *Or.* 1950 5215 S. Main, Houston, Tex.

BRACE, L. D., *Trustee* 67 Milk

BRACONIER, H. E., a.s. *Oph.* 1180 Beacon, Brookline

BRAILEY, A. G., *Bd. of Cons.* (*E.M.* 1930) 1180 Beacon, Brookline

BRAMAN, CONSTANCE L., a. to gen. dir. *P.H.* (*S.N.* 1932) M. G. H.

Brannon, L. C., r.s. *N.S.* 1955 U. S. Naval Hosp., Philadelphia, Pa.

BRATT, H. A., a.dn.s. 8 Belgrade Ave., Roslindale

Braudo, J. L., a.r.p. *C.M.* 1953 Children's Med. Center

BRAZELTON, T. B., assoc.p. *C.M.*; a.r.p. *C.M.* 1947 51 Brattle, Cambridge

BRAZIER, MARY A. B., neurophysiol. *N.* M. G. H.

BREED, F. B., a. *Oph.* 3 Winter, Salem

Breer, R. D., a.r.p. *C.M.* 1957 General Delivery, Weaver, Ala.

Brendler, S., sr.r.s. *N.S.* 1953 Walter Reed Hosp., Washington, D. C.

Brenizer, A. G., Jr., *W.S.* 1942; r.s. 1944 1425 Elizabeth Ave., Charlotte, N. C.

Brent, R. L., *C.M.* 1955 Grad. Sch. of Walter Reed Hosp., Washington, D. C.

Breslin, J. E., *C.M.* 1938 74 North, Pittsfield

BRESLOW, A., a.r.p. *Path.* M. G. H.

Brewster, H. H., *W.M.* 1940 University Hosp., Cleveland, Ohio

Brewster, W. R., Jr., a.r.p. *An.* 1950 M. G. H.

BRICKLEY, W. J., cons. *Forensic Path.* 524 Commonwealth Ave.

Bridge, E. M., *C.M.* 1927 Johns Hopkins Hosp., Baltimore, Md.

Brigham, F. G., *E.M.* 1910 27 Devon Rd., Chestnut Hill

Brindley, C. O., *M.* 1950 Mayo Foundation, Rochester, Minn.

Brock, B. L., *C.M.* 1923 Waverly Hills, Ky.

BROCKHURST, R. J., a. *Oph.* (*M.* 1948) 327 Charles

BRODERICK, T. F., Jr., a.s. *Or.*; sr.r.s. *Or.* 1947 1265 Beacon, Brookline

Brooks, P. T., *E.S.* 1943; a.r.s. 1949 Walla Walla Clinic, Walla Walla, Wash.

Broome, R. A., Jr., *M.* 1944 3 W. Columbia, Orlando, Fla.

Brown, C. S., a.r.p. *D.* 1952 8218 Wisconsin Ave., Bethesda, Md.

Brown, F. Bert, *Or.* 1937 612 Drayton, Savannah, Ga.

BROWN, F. HAROLD, acting an. (*McL.*) 665 Great Plain Ave., Needham

BROWN, J. F., an. (*E. & E.*) Mass. E. & E. Inf.

Brown, Lloyd, *N.S.* 1938 341 Highland, Milton

Brown, Lloyd T., *S.S.* 1908
Murray Lane, Harvard

BROWN, MADELAINE R., n.
264 Beacon

BROWN, N. K., a.r.p. (*M.* 1957)
M. G. H.

Brown, Ralph G., *Path.* 1942
722 Prospect Ave., Winnetka, Ill.

Brown, Robert H., *E.S.* 1944; j.r.s. 1945
28 High, Sharon

Brown, Robert K., *W.S.* 1939; r.s. 1942
1624 Gilpin, Denver, Colo.

BROWN, T., assoc. v.s. *Or.*; r.s. *Or.* 1949
M. G. H.

BROWNELL, G. L., assoc. physicist *M.*
M. G. H.

Brownsberger, C. N., a.r.p. 1957
630 Atkins Dr., Glendale, Calif.

Brues, A. M., *E.M.* 1932
Argonne National Lab., Lemont, Ill.

Buchanan, R. N., Jr., r.p. *D.* 1941
706 Church, Nashville, Tenn.

Buchanan, W. R., Jr., *C.M.* 1955; r.p. *C.M.* 1957
56 High, Greenfield

BUCHER, NANCY L. R., assoc. biol. *M.*
M. G. H.

Bull, E. C., *Or.* 1917
384 Post, San Francisco, Calif.

Bullard, C. W., *W.S.* 1918
194 High, Newburyport

BULLINGTON, S. J., a. *Oph.*
1180 Beacon, Brookline

BULLWINKEL, B., a.r.s. (*S.* 1957)
M. G. H.

BUNKER, J. P., assoc. an. (*E.S.* 1946); a.r.p. *An.* 1950
M. G. H.

BURBANK, C. B., a.s. (*W.S.* 1939); r.s. 1942
94 Pleasant, Arlington; 270 Commonwealth Ave.

BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935
151 Kent, Brookline

BURKE, J. F., a. *S.* (*S.* 1952); r.s. 1957
M. G. H.

Burland, G. R., a.r.s. 1953
Olds, Alberta, Canada

Burnett, C. H., c.r.p. 1946
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.

Burnett, F. L., *S.S.* 1908
520 Commonwealth Ave.

Burns, E. M., r.p. *Psychiat.* 1935
2222 N.W. Lovejoy, Portland, Oreg.

BURRAGE, WALTER S., *Bd. of Cons.* (*E.M.* 1927)
330 Dartmouth

Burrage, William C., *E.M.* 1941; a.r.p. 1946
57 Deering, Portland, Maine

Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949
507 Main, Worcester

Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921
416 Marlborough

Bush, R. D., *W.S.* 1943
203 Commonwealth Ave.

BUTLER, A. M., c. *C.M.*
M. G. H.

Buttles, R. V., r.p. *Path.* 1950
Heaton Hosp., Montpelier, Vt.

Byers, R. K., *E.M.* 1923
Children's Med. Center

Byrnes, R. L., a.r.p. *Path.* 1954
Memorial Hosp., New York, N. Y.

CAIN, A. J., a. psychiat. (*McL.*)
McLean Hosp., Waverley

Calhoun, F. P., Jr., *E.M.* 1938
540 Peachtree Battle Ave., Atlanta, Ga.

CALKINS, E., assoc. p.; c.r.p. 1952
M. G. H.

Cameron, H.S., sr.r.s. *Or.* 1957
450 Central Ave., London, Ontario, Canada

Campbell, C. R., r.p. *Path.* 1955
Mills Memorial Hosp., San Mateo, Calif.

Campbell, J. L., r.p. *An.* 1940
806 Republic Bldg., Denver, Colo.

CANER, G. C., *Bd. of Cons.* (*W.M.* 1924)
63 Marlborough

Canlas, B. D., Jr., r.p. *Path.* 1956
Coll. of Med., Univ. of the Philippines, Manila, P. I.

CANNON, B., v.s.
M. G. H.

Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946
365 W. Doran, Glendale, Calif.

Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941
220 S. Virginia, Reno, Nev.

Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938
130 N. Virginia, Reno, Nev.

CAPLAN, G., assoc. psychiat.
93 Fresh Pond Parkway, Cambridge; Harvard Sch. of Public Health

CAPLAN, L. M., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley

Capland, L., r.p. *D.* 1940
541 Lincoln Rd., Miami Beach, Fla.

Capps, J. A., *E.M.* 1896
1215 E. 56th, Chicago, Ill.

Capps, R. B., *C.M.* 1931 and *E.M.* 1933
122 S. Michigan Ave., Chicago, Ill.

Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949
Cincinnati Gen. Hosp., Cincinnati, Ohio

Carey, J. M., *W.S.* 1946
76 Miami Ave., Newington, Conn.

Carmichael, Miriam W., a.r.p. *N.* 1956
Med. Coll. of Virginia,
Richmond, Va.

Carmody, J. T. B., a.r.s. *N.S.* 1936
65 Elm, Worcester

CARNES, H. A., a. oral s.
29 Bay State Rd.

CARNEY, H. J., a. oral s.
395 Commonwealth Ave.

Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944
Columbia-Presbyterian Med.
Center, New York, N. Y.

CARROLL, W. J. E., s. *Otolar.*
5 Chestnut, Arlington

Carson, P. C., r.s. *Or.* 1940
38 School, Springfield

CARTER, E. L., a.r.s. (*S.* 1954)
M. G. H.

CARTER, F., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1948
51 Brattle, Cambridge

Carter, G. H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948
26 Farrar, Cambridge

Carter, R. R., r.p. *N.* 1942
553 Med. Arts Bldg.,
Portland, Oreg.

Cascario, N., Jr., *Dn.* 1944
36 N. 1st, Bangor, Pa.

Case, C. T., *W.S.* 1943
1424 Genesee, Utica, N. Y.

CASS, J. W., Jr., a.p. (*W.M.* 1931)
1101 Beacon, Brookline

CASTEN, V. G., s. *Oph.* (*N.* 1929)
412 Beacon

Castle, W. B., *E.M.* 1923
Boston City Hosp.

CASTLEMAN, B., c. *Path.* (*Path.* 1932); r.p. *Path.* 1935 M. G. H.

Catterson, L. F., *C.M.* 1924
107½ High Ave., Oskaloosa, Iowa

CAVANAUGH, T., a.s. *Oph.*
395 Commonwealth Ave.

CAVE, E. F., cons. v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) 264 Beacon

Cecil, L. McF., *M.* 1950
University Hosp.,
Ann Arbor, Mich.

CHAFETZ, M. E., assoc. psychiat.
M. G. H.

Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921
1136 W. 6th, Los Angeles, Calif.

Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 23 E. 79th,
New York, N. Y.

Chamberlin, H. R., *C.M.* 1949
Univ. of North Carolina Sch. of
Med., Chapel Hill, N. C.

CHAMBERLIN, R. W., Jr., a.r.p. *C.M.* M. G. H.

Chapin, L. D., *E.M.* 1908
20 Maple, Springfield

Chaplin, H., Jr., *M.* 1948; r.p. 1950
Hammersmith Hosp.,
London W.12, England

Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 Box 343,
Rochester, Minn.

CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 M. G. H.

CHAPMAN, R. B., a. *Oph.*
35 Greenleaf, Quincy

Charash, L. I., a.r.p. *C.M.* 1952
87 Webster, Irvington, N. J.

Chase, J. S., *E.S.* 1940
141 W. Elm, Brockton

CHASEN, MIGNON C., a. attend. psychiat. (*McL.*)
147 Samoset Ave., Quincy

Cheer, Sheo-Nan, *E.M.* 1922
VAC Med. Serv.,
Martinsburg, W. Va.

Cheney, M. C., *W.M.* 1918
2560 Bancroft Way, Berkeley, Calif.

Chernoff, A. I., *M.* 1948
120 Dwight, New Haven, Conn.

CHISHOLM, J. F., Jr., a.s. *Oph.*
34½ Beacon

Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938 Vermont State Hosp.,
Waterbury, Vt.

CHRIST, J., a. psychiat. (*McL.*)
McLean Hosp., Waverley

Christensen, W. R., *W.M.* 1943
Salt Lake County Gen. Hosp.,
Salt Lake City, Utah

Christenson, W. N., *M.* 1949; a.r.p. 1950
Postgraduate Med. Sch.,
Du Cane Rd., London W. 12,
England

CHRISTMAN, G., a. oral s. (*Dn.* 1951); a.r.s. *Dn.* 1952
403 Commonwealth Ave.

CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.

CHUTE, R., *Bd. of Cons.* (*E.S.* 1929) Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Ciano, J. F., *Dn.* 1954
350 Hancock, Quincy

Claiborne, T. S., *W.M.* 1934
384 Peachtree, Atlanta, Ga.

CLAMAN, H. N., r.p. M. G. H.
Clapp, S., *N.S.* 1939
1926 W. Superior, Duluth, Minn.
CLARK, DEAN A., gen. dir. M.G.H.
Clark, DeWitt S., Jr., *E.S.* 1915
2 Oliver, Salem
Clark, G. O., *E.S.* 1904
"Chailey", Newburyport
Clark, J. G., Jr., r.p. *Psychiat.* 1955; r.p. *Psychiat.* (*McL.*) 1958
McLean Hosp., Waverley
CLARK, L. D., a. psychiat. (*M.* 1948); r.p. *Psychiat.* 1950 M. G. H.
Clark, M. M., *Or.* 1928
38 N. Goodman, Rochester, N. Y.
Clark, N. H., *W.M.* 1905
286 River Ave., Holland, Mich.
CLARK, R. J., assoc. p. (*W.M.* 1933)
15 Dix, Winchester
Clark, S. L., Jr., *M.* 1950
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Clarke, B. G., *E.M.* 1943
Pratt Diagnostic Clinic
CLAY, C. L., a.dir. M. G. H.
Clement, J. D., Jr., *W.S.* 1944
77 Essex, Bangor, Maine
Clement, S. P., Jr., *M.* 1956
1266 4th, Sarasota, Fla.
Clifford, M. H., a.r.p. 1935
New Eng. Life Ins. Co.
CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) 1101 Beacon, Brookline
CLINE, H. S., a. attend. psychiat. (*McL.*); a.r.p. *Psychiat.* 1956
416 Marlborough
Cline, J. W., Jr., *E.S.* 1927
490 Post, San Francisco, Calif.
CLOUGH, J. M., a.s. *Oph.*
266 Beacon
Clowes, G. H. A., Jr., a.r.s. 1948
Cuyahoga County Hosp. (formerly Cleveland City Hosp.), Cleveland, Ohio
Cobb, C. A., Jr., r.p. *N.* 1948
Vanderbilt Med. Sch., University Hosp., Nashville, Tenn.
COBB, S., *Bd. of Cons.*; cons. psychiat. (*McL.*) M. G. H.
Cobbs, B. W., Jr., *M.* 1953; r.p. 1955 M. G. H.
Cochran, William D., a.r.p. *C.M.* 1954
Children's Med. Center
COCHRAN, WILLIAMS, clin. assoc. *Or.* 266 Beacon
Coe, R. C., *S.* 1951; r.s. 1955
1115 Columbia, Seattle, Wash.
COGAN, D. G., s. *Oph.* and dir. Howe Lab. Mass. E. & E. Inf.
Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.
COGSWELL, THELMA B., exec. a. *M.G.H. Clin.* (*S.N.* 1926) M. G. H.
COHEN, A., a.p. *C.M.*
1093 Beacon, Brookline
Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.
Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center
COHEN, M. E., assoc. n.; a.r.p. *Psychiat.* 1936 M. G. H.
COHEN, R. B., a. path.; r.p. *Path.* 1953 M. G. H.
Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.
Cohn, Z. A., *M.* 1954; a.r.p. 1955
Inst. of Research, Walter Reed Army Hosp. (Army Med. Center), Washington, D. C.
COLBY, F. H., *Bd. of Cons.* (*W.S.* 1920) 262 Beacon
Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.
COLE, E. M., n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*) M. G. H.
Coles, M. R., a.r.p. *Psychiat.* 1956; r.p. *Psychiat.* (*McL.*) 1957 M. G. H.
Coley, Mary S., *C.M.* 1955
49 Thornton Rd., Brookline
Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915 University Hosp., Ann Arbor, Mich.
COLLINS, D. L., Jr., a.r.s. (*S.* 1955) M. G. H.
Collins, H. Douglas, *M.* 1953; r.p. 1955 8 N. Main, Caribou, Maine
Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.
Collins, R., *E.S.* 1933
Room 2 E 966, The Pentagon, Washington, D. C.
Colokathis, P., a.r.s. *Or.* 1954
967 Elm, Manchester, N. H.
Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch., Halifax, Nova Scotia, Canada
Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne, Victoria, Australia
Colwell, H. S., *E.M.* 1916
158 Whitney Ave., New Haven, Conn.
Comly, H. H., *C.M.* 1944
951 E. Lafayette, Detroit, Mich.

Compton, D. W., r.p. *An.* 1946
905 E. Columbia, Seattle, Wash.

Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.

Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave.,
Milwaukee, Wis.

CONNELLY, J. P., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.

Conrad, Elizabeth, a.r.p. *C.M.* 1945
409 Reynolds Bldg.,
Winston-Salem, N. C.

CONSTABLE, J. D., a.r.s. (*S.* 1953)
M. G. H.

Cook, C. D., a.r.p. *C.M.* 1949
Boston Lying-in Hosp.

Coolidge, J.C., *C.M.* 1945
12 Orchard Rd., Belmont

Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.

Coombs, F. S., Jr., a.r.p. 1937
803 Home Savings and Loan Bldg.,
Youngstown, Ohio

Coons, A. H., *E.M.* 1939
949 Canton Ave., Milton

Cooper, L. F., *W.M.* 1928
2222 Q, N. W., Washington, D. C.

COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932 M. G. H.

Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.

COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington

Cotter, W. C., r.s. *N.S.* 1957
Children's Med. Center

Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc.,
Upton, Long Island, N. Y.

COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave.

Cozen, L., *Or.* 1938
6221 Wilshire Blvd.,
Los Angeles, Calif.

CRABTREE, H. H., hon.s. (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919
412 Beacon

Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950 Univ. of California Med. Center, Los Angeles, Calif.

Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp.,
Chapel Hill, N. C.

Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.

Crawford, E. S., *E.S.* 1947; r.s. 1954
Baylor Univ. Coll. of Med.,
Houston, Tex.

Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932 35 Chestnut, Rochester, N. Y.

CRAWFORD, J. D., p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949 M. G. H.

CROCKETT, D. C., assoc. dir. *Resources and Development* M. G. H.

Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa

Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.

CRONIN, T. P., a. *Oph.*
94 Pleasant, Arlington

CRONKHITE, L. W., Jr., a. *M.* (*M.* 1950); r.p. 1953 M. G. H.

Crothers, B., *W.M.* 1911
Children's Med. Center

Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 1110 Harvard Ave.,
Seattle, Wash.

Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.

CULVER, P. J., a.p. (*E.M.* 1942)
M. G. H.

Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950 Westwood

Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.

CURRENS, J. H., a. *M.* M. G. H.

Currie, R. A., *S.* 1950; a.r.s. 1954
2818 Virginia Rd., Augusta, Ga.

Curtin, R. R., *S.* 1953; a.r.s. 1957
226 Marlborough

Cusick, L. F., *E.S.* 1906
168 Willow Rd., Nahant

Cutler, G. D., *E.S.* 1912; h.s. 1913
319 Longwood Ave.

Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.

DAFFINEE, R. W., clin. assoc. *C.M.* (*C.M.* 1930); r.p. *C.M.* 1931
8 Porter, Melrose

Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc.,
Upton, Long Island, N. Y.

DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon

D'Alessandro, G. L., a.r.p. *An.* 1950
275 Forest Ave., Glen Ridge, N. J.

DALRYMPLE, W., a. *M.* (*M.* 1947)
Harvard Univ. Health Serv.,
Cambridge

DALTON, JOHN C., a. *M.*
330 Dartmouth

Dalton, John E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.
DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.
DAMIANI, C. R., a. *D.*; r.p. *D.* 1946
16 Norwich, Worcester
Damon, A., *M.* 1952
Constitution Lab., Columbia-Presbyterian Med. Center, New York, N. Y.
DANIELS, E. M., assoc. psychiat. (*McL.*) McLean Hosp., Waverley
DANIELS, HADASSAH S., a. attend. psychiat. (*McL.*) 520 Beacon
Dann, D. S., h.p. *R.* 1922
701 E. 63rd, Kansas City, Mo.
DARLING, R. C., Jr., a.r.s. (*C.M.* 1954) M. G. H.
d'AUTREMONT, C. C., a. attend. psychiat. (*McL.*); r.p. *N.* 1948
Children's Med. Center
DAVANLOO, H., a.r.p. *Psychiat.* M. G. H.
David, J. R., *M.* 1956; a.r.p. 1957
National Inst. of Health, Bethesda, Md.
David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.
DAVIDSON, G. E., a. *Psychiat.* M. G. H.
Davidson, W. D., *Or.* 1933
3115 E. Blackford Ave., Evansville, Ind.
DAVIES, J. A. V., *Bd. of Cons.*
319 Longwood Ave.
DAVIES, SYLVIA A., a.r.p. *C.M.* M. G. H.
Davis, A. G., *Or.* 1922
716 Sassafras, Erie, Pa.
Davis, B. M., a.r.s. *W.S.* 1942
USPHS, Washington, D. C.
Davis, J. M., *S.* 1948; a.r.s. 1952
1661 Riverside Ave., Jacksonville, Fla.
DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
51 Brattle, Cambridge
Dawson, C. W., *Or.* 1936
150 E. Broad, Columbus, Ohio
DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave.
DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950 303 Dodge Ave., New Orleans, La.
DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932) 266 Beacon
DeCLERQUE, G., admin. a. M. G. H.
DEGEN, J. W., a. dir. M. G. H.
De Groot, L. J., r.p. 1957 M. G. H.
DeLORME, T. L., a. *Or.*; sr.r.s. *Or.* 1955 234 Marlborough
d'Elseaux, F. C., *W.M.* 1929
37 Marlborough
de MARNEFFE, F. L. A., a. psychiat. (*McL.*); a.r.p. *Psychiat.* 1952
84 Garden, Cambridge
DEMING, RUTH, exec. a. *M. G. H. Clin.* (*S.N.* 1925) M. G. H.
DEMPSEY, P. A., dn.s.
56 Melville Ave., Dorchester
Dennie, C. C., *D.* 1914
1524 Professional Bldg., Kansas City, Mo.
Denton, Jane E., *M.* 1946; a.r.p. 1946
Cushing Vet. Adm. Hosp., Framingham
DePRIEST, O. S., III, a.r.s. (*S.* 1955) M. G. H.
Derby, J. P., *Or.* 1925
20 Maple, Springfield
Derow, H. A., *Path.* 1928 520 Beacon
Derow, S., *Path.* 1931
925 Centre, Newton Centre
Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941
25 Maple, Springfield
DeSANCTIS, R. W., a.r.p. (*M.* 1956) M. G. H.
Detwiler, Robert C., a.r.s. *Or.* 1956
264 Beacon
Detwiler, Robert H., *C.M.* 1940
13th and N. Hudson, Arlington, Va.
DEUTSCH, HELENE, *Bd. of Cons.*
44 Larchwood Dr., Cambridge
Dewey, E. B., *E.S.* 1921
Thatcher Med. Center, 960 E. Green, Pasadena, Calif.
DeWILDE, H., a.dn.s.
188 Longwood Ave.
DEXTER, C. J., clin. assoc. *S.*
51 Brattle, Cambridge
Deykin, D., *M.* M. G. H.
DIAMOND, L. K., cons. *C.M.*
Children's Med. Center
Dickersin, G. R., a.r.p. *Path.* 1957 M. G. H.
Dickson, Carol C., *M.* 1948; *C.M.* 1949 1 University Pl., New York, N. Y.
DICKSON, W. A., assoc. p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947
266 Beacon
DIENES, L., cons. b. M. G. H.
DILLON, H. T., Jr., a.r.p. *Path.* (*Path.* 1958) M. G. H.
Dillon, V. M., *Or.* 1932
490 Post, San Francisco, Calif.

DIMON, J. H., III, a.r.s. *Or.* M. G. H.
Diner, Wilma Canada, a.r.p. *Path.* 1951; r.p. *R.* 1954
Univ. of Arkansas Med. Center, Little Rock, Ark.
DITMORE, H. B., Jr., a.r.s. (*S.* 1954) M. G. H.
Dodd, R. B., a.r.p. *An.* 1950
127 Washington, Allston
DODGE, P. R., a.n. M. G. H.
Dodge, R. S., a.r.s. *Or.* 1946
402 Dillingham Bldg., Honolulu, T. H.
Dodson, L. C., r.s. *P.H.* 1932
330 Allen, Owensboro, Ky.
Dohan, F. C., a.r.p. 1935
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Doisy, E. A., Jr., *M.* 1945
St. Louis Univ. Med. Sch., St. Louis, Mo.
Dole, K. L., *E.S.* 1917
47 E. Vine, Redlands, Calif.
Dole, V. P., Jr., *E.M.* 1941
Rockefeller Inst. Hosp., New York, N. Y.
Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp., Burlington, Vt.
DONAHUE, H. C., assoc. s. *Oph.*
520 Commonwealth Ave.
Donald, J. H., *M.* 1947; a.r.p. 1948
1545 W. Colorado Blvd., Dallas, Tex.
DONALDSON, D. D., a. *Oph.*
Mass. E. & E. Inf.
DONALDSON, G. A., assoc. v.s. (*E.S.* 1938); r.s. 1942 M. G. H.
Donner, R., a.r.p. *Path.* 1957
Pr. Hendriklaan 27, Amsterdam, Holland
Donovan, J. F., sr. r.s. *Or.* 1957
85 Jefferson, Hartford, Conn.
DOWLING, J. L., Jr., a. *Oph.*
207 Waterman, Providence, R. I.
DRACHMAN, D. A., a.r.p. *N.* M. G. H.
Drake, E. H., a.r.s. 1945
18 Bramhall, Portland, Maine
Drake, T. G., a.r.p. 1937
4515 Lindell Blvd., St. Louis, Mo.
Dresel, R. L., *Or.* 1921
450 Sutter, San Francisco, Calif.
Drewry, G. R., *M.* 1953
994 Sumner Ave., Springfield
Dreyfus, P. M., r.p. *N.* 1955 M. G. H.
DREYFUSS, J. R., a.r. M. G. H.
DROOKER, J. C., assoc. s. *Otolar.*
20 Charlesgate West
DUDLEY, H. R., Jr., a. *Path.* (*M.* 1953); a.r.p. *Path.* 1954 M. G. H.
Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon
DUGGAN, J. A., a. *C.M.*
713 Pleasant, Worcester
Dulin, J. W., *Path.* 1933
University Hosp., Iowa City, Iowa
DUNCAN, C. J., a.obst.
1101 Beacon, Brookline
Duncombe, A. L., *E.M.* 1934
336 Pleasant, Brockton
Dunn, E., a.r.s. 1956
Vet. Adm. Hosp., Syracuse, N. Y.
Dunn, Fa-Chi, a.r.p. *D.* 1954
280 W. MacArthur Blvd., Oakland, Calif.
Dunn, W. M., *E.S.* 1912
address unknown
DUNPHY, E. B., c. *Oph.*
Mass. E. & E. Inf.
DURFEY, J. Q., a.r.p. *An.* M. G. H.
Durno, E. R., *E.S.* 1929
7 S. Central Ave., Medford, Oreg.
D'Urso, J. J., r.p. *D.* 1944
301 Essex, Lawrence
DuTOIT, C. H., assoc. p. (*W.M.* 1943); c.r.p. 1949 M. G. H.
DUXBURY, J. H., a.r.s. *U.* M. G. H.
Dwight, R. W., *W.S.* 1931
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
DWYER, J. H., r.p. *Psychiat.* (*McL.*); a.r.p. *C.M.* 1956
McLean Hosp., Waverley
DYER, E. C., clin. assoc. *C.M.*
1180 Beacon, Brookline
EASTON, M. T., s. *Oph.*
1180 Beacon, Brookline
Edelman, G. M., *M.* 1955
132-34 Cross Bay Blvd., Ozone Park, N. Y.
Edgelow, A. F. G., *W.S.* 1921
76 Maple, Springfield
Edmonds, H. W., r.p. *Path.* 1942
909 University, Seattle, Wash.
EDMUNDS, L. H., Jr., a.r.s. (*S.* 1957) M. G. H.
Edsall, G., *E.M.* 1936
36 Follen, Cambridge
Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama, Birmingham, Ala.
Egel, N., r.s. *Or.* 1938
917 Stella Ave., Plainfield, N. J.
Egloff, F. R. L., r.p. *Psychiat.* 1951
1007 Farmington Ave., W. Hartford, Conn.

Ehrenkranz, N. J., *M.* 1950; r.p. 1954
M. G. H.

Eiseman, B., *E.S.* 1943
Vet. Adm. Hosp., Denver, Colo.

ELDRED, S. H., assoc. psychiat. (*McL.*) McLean Hosp., Waverley

ELDREDGE, L. L., Jr., a.p. *C.M.*; a.r.p. *C.M.* 1951 215 Main, Hingham

Eliel, L. P., *E.M.* 1942
Oklahoma Med. Res. Inst., Oklahoma City, Okla.

Ellery, S. W., *E.S.* 1943
923 Rosewell Ave., Long Beach, Calif.

ELLETT, W. H., a. physicist *M.*
M. G. H.

Elliot, H. L., r.p. *An.* 1942
479 Beacon, Manchester, N.H.

Elliott, J. A., Jr., *M.* 1945
1012 Kings Dr., Charlotte, N. C.

ELLIS, D. S., assoc. p. (*E.M.* 1941)
M. G. H.

Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952
110 S. Oakley, Columbus, Ohio

Ellis, L. B., *E.M.* 1928
319 Longwood Ave.

Elrick, H. E., *M.* 1944; a.r.p. 1947
1055 Clermont, Denver, Colo.

EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942
764 Main, Hingham

Emerson, K., *E.S.* 1902
721 Huntington Ave.

Emmons, A. B., II, *W.S.* 1905
Bay View Estates, Brewster Dr., Indian Rocks, Fla.

ENDEE, C. H., a.dn.s.
6 Marlborough

ENGEL, L. L., assoc. biochem. *M.*
M. G. H.

ENGLAND, A. C., Jr., a. *N.*
M. G. H.

English, H. S., a.r.p. *N.P.* 1948
1611 Genesee, Utica, N. Y.

Enterline, J. D., *E.S.* 1943; j.r.s. 1944
Box 381, Millwood, Wash.

Eppright, R. H., a.r.s. *Or.* 1955
4520 Rossmoyne, Houston, Tex.

ERVIN, F. R., a. *Psychiat.*
131 Sumner, Newton Centre

ESSEMBER, L. J., a. *C.M.*; a.r.p. *C.M.* 1953 Beverly Hosp., Beverly

Esslinger, J. O., a.r.s. *Or.* 1952
76 W. Adams Ave., Detroit, Mich.

EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913)
Hancock, N. H.

EVANS, M. G., s. *Otolar.*
416 Marlborough

Evans, Richard R., *Path.* 1944
Cleveland Clinic, 2020 E. 93rd, Cleveland, Ohio

EVANS, ROBLEY D., cons. *Physics*
M. I. T., Cambridge

Evans, S. S., *E.S.* 1945; a.r.s. 1950
619 S. Broadway, McAllen, Tex.

EVERETT, H. C., III, a.r.p. *Psychiat.*
M. G. H.

Ewell, J. W., *W.M.* 1937
Dept. of Hygiene and Health, Yale Univ., New Haven, Conn.

Ewer, E. G., *Or.* 1936
1624 Franklin, Oakland, Calif.

Exley, M. M., r.s. *U.* 1938
513 Med. Arts Bldg., Norfolk, Va.

Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949
55 E. Washington, Chicago, Ill.

Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947
85 Jefferson, Hartford, Conn.

Fallon, J. T., *C.M.* 1925
Charles V. Chapin Hosp., Providence, R. I.

Fang, H. C. H., a.r.p. *Psychiat.* 1952
Boston City Hosp.

Farmer, D. A., *W.S.* 1943
62 E. Newton

FARNSWORTH, D. L., p. (*W.M.* 1935) 15 Holyoke, Cambridge

Farrell, M. E., *C.M.* 1934
318 Spring Ave., Clarksburg, W. Va.

FARRISEY, CLAIRE G., admin. a. (*R.N.*) M. G. H.

FARRISEY, RUTH M., exec. o. *M. G. H. Clin.* (*S.N.* 1938)
M. G. H.

Faulkner, J. M., *E.M.* 1925
Med. Dept., M.I.T., Cambridge

Faust, L. W., r.s. *U.* 1924
425 Med. Arts Bldg., Grand Rapids, Mich.

Fawcett, D. W., *W.S.* 1943
H. M. S.

FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

FAXON, N. W., dir. emeritus (*S.S.* 1906) W. Falmouth

Fay, G. F., a.r.s. *Or.* 1957
89 Barton Rd., Wellesley Hills
FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough
FEARER, N. H., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.
Federman, D. D., *M.* 1954; a.r.p. 1955
National Inst. of Health, Bethesda, Md.
FEENEY, F. J., a.dn.s.
444 Essex, Lawrence
Fennell, R. H., Jr., sr.r.p. *Path.* 1949
Elizabeth Steel Magee Hosp., Pittsburgh, Pa.
Ferguson, A. B., Jr., a.r.s. *Or.* 1950
14 Bertwell Rd., Lexington
FERGUSON, E. L., a.r.s. (*S.* 1954) M. G. H.
FERGUSON, I. A., Jr., a.r.s. (*S.* 1953) M. G. H.
Ferguson, J. J., Jr., *M.* 1951; r.p. 1955
4855 Westbourne Rd., Lyndhurst, Ohio
FERRIS, B. G., cons. *M.*
Harvard Sch. of Public Health
Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
333 Linwood, Buffalo, N. Y.
Field, J. B., *M.* 1952; r.p. 1954
National Inst. of Arthritic and Metabolic Dis., National Inst. of Health, Bethesda, Md.
FIELD, R. A., a. *M.* (*M.* 1950); c.r.p. 1955 M. G. H.
Finck, A. J., a.r.p. *An.* 1949
39 Somerset Rd., Brookline
Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.
Fine, J., a.r.s. 1927
330 Brookline Ave.
FINESINGER, A. L., a. *Psychiat.*
296 Beacon
Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.
Finley, K. H., *W.M.* 1934; r.p. *N.* 1936
450 Sutter, San Francisco, Calif.
Firminger, H. I., sr.r.p. *Path.* 1947
National Cancer Inst., Bethesda, Md.
Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932
Lahey Clinic
FISHER, C. M., n. and assoc. n.p. M. G. H.
Fisher, Mary S., *M.* 1949
Philadelphia Vet. Adm. Hosp., Philadelphia, Pa.
Fishman, R. A., r.p. *N.* 1950
Neurological Inst., Presbyterian Hosp., New York, N. Y.
Fitch, R. R., *W.M.* 1904
Northeast Harbor, Maine
Fite, E. H., *E.S.* 1926
204 N. 3rd, Muskogee, Okla.
Fitts, J. B., *Or.* 1917
923 W. Franklin, Richmond, Va.
FITZHUGH, G., p. 330 Dartmouth
Flagg, J. A., a.r.p. *An.* 1955
16 White Plains Rd., Trumbull, Conn.
Flanagan, N. B., a.r.p. *Psychiat.* 1940
270 Commonwealth Ave.
Flood, W. E., a.r.p. *D.* 1942
1106 Med. Arts Bldg., Fort Worth, Tex.
Flook, S. E., *Or.* 1940
137 N. Main, Dayton, Ohio
Floyd, C., *W.M.* 1904
246 Marlborough
FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947
377 Essex, Salem
Fogg, N. A., *W.S.* 1918
Rockland, Maine
FOLCH-PI, J., dir. *Sc. Res.* (*McL.*)
McLean Hosp., Waverley
Foldes, F. F., r.p. *An.* 1943
Mercy Hosp., Pittsburgh, Pa.
Foley, T. M., *Or.* 1915
140 Quince, San Diego, Calif.
FOLKMAN, M. J., a.r.s. (*S.* 1958) M. G. H.
Folsom, H. F., *W.M.* 1931
198 Union Ave., Framingham
FORBES, A., cons. *Neurophysiol.*
Biological Lab., Harvard Univ., Cambridge
FORBES, ANNE P., a.p. M. G. H.
Forbes, Vassilike A.-C., *C.M.* 1956
9 Ware, Cambridge
Ford, A. B., *M.* 1950; a.r.p. 1952
Benjamin Rose Hosp., Cleveland, Ohio
FORNSHELL, R. P., sr.r.s. *Or.* M. G. H.
FORRANT, HELEN, exec. a. (*S.N.* 1930) M. G. H.
Fort, F. L., *Or.* 1922
1022 Park, Jacksonville, Fla.
Fortune, C. W., *Or.* 1930
716 Sassafras, Erie, Pa.
FOSS, M. W., clin. assoc. *Dn.*
232 Main, Brockton
FOSTER, F. D., a. dir. M. G. H.
FOSTER, G. S., a. *M.* (*M.* 1952); a.r.p. 1953 M. G. H.
Fowler, C. B., *Or.* 1929
10 Cooper, Santa Cruz, Calif.

Fowler, D. M., *E.S.* 1946
80 Mason Ter., Brookline
Frame, B., *M.* 1949; r.p. 1955
Henry Ford Hosp., Detroit, Mich.
Francis, L., a.r.p. *An.* 1950
202 Magnolia, Piedmont, Calif.
FRANK, T., a. *C.M.*; a.r.p. *C.M.* 1953
295 Longwood Ave.
Franseen, C. C., *W.S.* 1932
1180 Beacon, Brookline
Franseen, E. F., j.r.s. *Or.* 1947
146 Chestnut, Springfield
Franz, E. M., a.r.s. *Or.* 1948
1750 Race, Denver, Colo.
FRAZEE, J. R., s. *Otolar.*
1180 Beacon, Brookline
FRAZIER, C. N., c. *D.* M. G. H.
Frazier, H. S., *M.* 1954; a.r.p. 1955
H. M. S.
FREEDBERG, A. P., clin. assoc. *D.*
360 Essex, Salem
Freedman, H. J., *C.M.* 1928
483 Beacon
Freeman, D. W., *C.M.* 1935
112 N. Burnett Ave., Denison, Tex.
Freeman, G. M., *Dn.* 1946
27 Appleton Pl.,
Upper Montclair, N. J.
Freeman, N. E., r.s. *W.S.* 1935
490 Post, San Francisco, Calif.
Freeman, W. T., *C.M.* 1922
Biltmore, N. C.
FREESE, C. G., Jr., a. *Oph.*
328 Washington, Wellesley Hills
Freiberg, J. A., *Or.* 1926
2939 Vernon Pl., Cincinnati, Ohio
Freinkel, Ruth K., r.p. *D.* 1957
M. G. H.
FREMONT-SMITH, M., *Bd. of Cons.*
12 Hereford
FRENCH, ELIZABETH G., a. *C.M.*
10 Farwell Pl., Cambridge
FREYMANN, J. G., a. *M.* (*M.* 1947);
a.r.p. 1951 M. G. H.
Frick, Adelaide H. C., a.r.p. *C.M.*
1946 Roslyn, Long Island, N. Y.
FRIED, M. A., assoc. psychol.
5 Myrtle
FRIEDLICH, A. L., assoc.p. (*M.*
1943); r.p. 1948 M. G. H.
Friedman, C. F., *C.M.* 1923
700 Ocean Ave., Brooklyn, N. Y.
Friedman, L. J., *M.* 1956
Mass. Mental Health Center
FRIEDMAN, S. B., a.r.p. *C.M.* (*C.M.*
1958) M. G. H.
Fritz, W. F., *M.* 1950; a.r.p. 1951
2 W. University Parkway,
Baltimore, Md.
FROMER, J. L., clin. assoc. *D.*
Lahey Clinic
Frost, Harold M., *W.S.* 1915
501 Boylston
Frost, Horace B., *E.S.* 1897
Hotel Lavonia, Lavonia, Ga.
Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave.,
Washington, D. C.
Fuchs, P., *W.S.* 1942
3a Ave. 7-34,
Guatemala City, Guatemala
Fuldner, R. V., *Or.* 1939
178 Sherman Ave.,
New Haven, Conn.
Fuller, Henry, *W.M.* 1929
210 Hibriten Way,
Lakeland, Fla.
Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health
Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway
Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.
FUTTERMAN, S., biochem. *Oph.*
Mass. E. & E. Inf.
Gabuzda, T. G., *M.* 1956; a.r.p. 1957
M. G. H.
GAFFNEY, T. E., a.r.p. M. G. H.
GAITONDE, M. K., a. biochem.
(*McL.*) 11 Howland, Cambridge
Gall, E. A., r.p. *Path.* 1937
Cincinnati Gen. Hosp.,
Cincinnati, Ohio
Gamble, C. J., *W.M.* 1922
255 Adams, Milton
Gamble, J. L., *W.M.* 1912
Children's Med. Center
Gammon, W. M., *C.M.* 1932
621 Lawrence Ave.,
Bristol, Va.-Tenn.
Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private
Hosp., Johannesburg, South Africa
GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence
Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.
GANS, H. J., a. sociol. *Psychiat.*
M. G. H.
GANZ, R. N., assoc. p. *C.M.* (*C.M.*
1925) 262 Beacon; M. G. H.
GARCELON, G. G., clin. assoc. *S.*
701 Washington, Newtonville
GARDELLA, J. W., a. *M.* (*M.* 1945);
a.r.p. 1946 M. G. H.
Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp.,
Toronto, Canada

Gardner, G. E., *C.M.* 1938; r.p. *C.M.* 1939 7 Trapelo Rd., Belmont

Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.* 1947 Coll. of Med., State Univ. of N. Y., Syracuse, N. Y.

GARLAND, J., *Bd. of Cons.* (*C.M.* 1919 and *E.M.* 1921) 8 The Fenway

Garran, F. W., Jr., *S.* 1951; a.r.s. 1955 Box 325, Barnstable

GARRETT, J. W. D., assoc. an. (*An.* 1940); r.p. *An.* 1941 M. G. H.

GARREY, W. E., clin. assoc. *S.* (*E.S.* 1933); r.s. 1936 1180 Beacon, Brookline

Garrigues, H. B., *W.S.* 1939; a.r.s. *W.S.* 1940 1116 Summit Ave., Seattle, Wash.

Garrity, R. W., sr.r.s. *N.S.* 1950 3300 6th Ave., San Diego, Calif.

GASHGAI, A., a.r.s. (*S.* 1958) M. G. H.

Gaston, L. W., *M.* 1954; r.p. 1956 University Hosp., Ann Arbor, Mich.

Gates, P. H., r.p. *Psychiat.* (*McL.*) 1942 4 Walnut Ave., Cambridge

GAULD, A. G., assoc. obst. (*E.S.* 1934) 1180 Beacon, Brookline

Gaunt, F. P., *W.S.* 1913 13-A N. Gore Ave., Webster Groves, Mo.

GAUTHIER, JACQUELINE, r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1957 McLean Hosp., Waverley

Gay, L. N., *E.M.* 1918 1114 St. Paul, Baltimore, Md.

GELLERT, ELIZABETH, a. psychol. M. G. H.

Gens, J. P., r.s. *U.* 1943 64 Wall, Norwalk, Conn.

Gentry, R. W., *E.S.* 1943 65 N. Madison Ave., Pasadena, Calif.

George, H. L., Jr., *C.M.* 1929; r.p. *C.M.* 1930 205 Trust Co. Bldg., Watertown, N. Y.

GEPHART, F. T., a.s. (*W.S.* 1942); r.s. 1948 M. G. H.

GERGELY, J., assoc. biochem. *M.* M. G. H.

Gevalt, F. C., Jr., a.r.p. 1943 Sharon Clinic, Sharon, Conn.

GIBERTI, FLORENCE, exec. a. *B.M.* (*S.N.* 1929) M. G. H.

Gibson, G. C., *W.S.* 1944 Robinson Memorial Hosp., Ravenna, Ohio

Gibson, J. G., a.r.p. *Psychiat.* 1951 Maudsley Hosp., London S.E., England

Gibson, L. E., r.s. *U.* 1926 713 E. Genesee, Syracuse, N. Y.

Giddings, W. P., *W.S.* 1939; r.s. 1946 528 Main, Bennington, Vt.

Gilbert, A. C., h.s. *U.* 1923 Vet. Hosp., Walla Walla, Wash.

Giles, R. B., Jr., a.r.p. 1956 Southwestern Med. Sch., Univ. of Texas, Dallas, Tex.

GILL, B. F., a. psychiat. 270 Commonwealth Ave.

GILLESPIE, L., a. obst. 1180 Beacon, Brookline

Gillies, A. J., a.r.p. *An.* 1952 Strong Memorial Hosp., Rochester, N. Y.

Ginandes, S. C., *C.M.* 1952 270 Commonwealth Ave.

Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934 920 S. Jefferson, Roanoke, Va.

Glendy, R. E., a.r.p. 1934 920 S. Jefferson, Roanoke, Va.

Glenn, W. W. L., a.r.s. 1946 Yale Univ. Sch. of Med., New Haven, Conn.

GLICKLICH, E. A., a.d. 403 Commonwealth Ave.

GLIMCHER, M. J., a. *Or.*; a.r.s. 1953; sr.r.s. *Or.* 1956 M. G. H.

GLOTZER, D. J., acting a.r.p. *Path.* (*S.* 1953); a.r.s. 1957 M. G. H.

Glover, D. M., *W.S.* 1922 10525 Carnegie Ave., Cleveland, Ohio

Godley, Anne F., *M.* 1949; a.r.p. 1950 499 Mount Auburn, Cambridge

Goeringer, C. F., *Or.* 1940 209 S. 63rd, Philadelphia, Pa.

GOETHALS, T. R., *Bd. of Cons.* (*E.S.* 1917); h.s. *E.S.* 1919 319 Longwood Ave.

Goettsch, Elvira, *C.M.* 1931 4140 Ambrose Ave., Los Angeles, Calif.

Goetz, F. C., *M.* 1947; c.r.p. 1954 Univ. of Minnesota Hosp., Minneapolis, Minn.

GOHD, R. S., virol. (*E. & E.*) Mass. E. & E. Inf.

GOLDBERG, A. H., a.r.p. *An.* M. G. H.

GOLDBERG, L. I., a.r.p. (*M.* 1957) M. G. H.

Goldblatt, M. E., *E.M.* 1926
975 Park Ave., New York, N. Y.
Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936 1415 Delachaise, New Orleans, La.
Golden, R., h.p. *R.* 1921
622 W. 168th, New York, N. Y.
GOLDEN, T. S., clin. assoc. *C.M.*
52 Lincoln, Framingham
Goldsmith, L. H., *C.M.* 1923
365 Cloverhurst Ave., Atlanta, Ga.
Goldthwait, Joel C., a.r.p. *Path.* 1948
Vet. Adm. Hosp., W. Roxbury
GOLDTHWAIT, JOEL E., hon. s.
372 Marlborough
GOMATOS, P. J., a.r.p. M. G. H.
GOODALE, F., Jr., a. *Path.*; a.r.p. *Path.* 1954 M. G. H.
GOODALL, E. B., a. *Oph.*
328 Washington, Wellesley Hills
Gordon, A. M., *C.M.* 1929
405 6th Ave., Des Moines, Iowa
Gordon, E. S., *Path.* 1935
1300 University Ave., Madison, Wis.
GORDON, J. E., cons. *Prev. M.*
Harvard Sch. of Public Health
Gordon, P. S., *Dn.* 1955
277 Williams, W. Haven, Conn.
Gore, C. P., a.r.p. *Psychiat.* 1952
1 Grosvenor Ct., Grosvenor Hill, Wimbledon, London S. W., England
Gorman, Rosemary V., a.r.p. 1945
626 Westminster Ave., Elizabeth, N. J.
Gottschalk, C. W., *M.* 1946; r.p. 1952
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
GOULIAN, M., a.r.p. M. G. H.
Graeser, J. B., *W.M.* 1929
298 Grand Ave., Oakland, Calif.
Graham, C. P., *E.S.* 1935 and *N.S.* 1936
21 N. Front, Wilmington, N. C.
GRAHAM, JOHN B., clin. assoc. *S.*
Roswell Park Memorial Inst., Buffalo, N. Y.
GRAHAM, JOHN R., clin. assoc. *M.* (*W.M.* 1936)
Faulkner Hosp., Jamaica Plain
Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell
Grant, L. H., a.r.p. 1957
Vet. Adm. Hosp., W. Roxbury
GRANT, W. M., a.s. *Oph.*
Mass. E. & E. Inf.
GRAY, B. C., a. *D.* 416 Marlborough
GRAY, F. C., *Chairman of Trustees* and *Vice-President of the Corporation* 10 P. O. Sq.
Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.
Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline
GREEN, T. H., Jr., a. *S.* (*W.S.* 1947); r.s. 1953 226 Marlborough
GREENBERG, J. J., a.r.s. (*S.* 1957) M. G. H.
Greene, D. C., Jr., *C.M.* 1940
263 South Ave., Weston
Greene, G. S., a.r.s. *Or.* 1948
179 Allyn, Hartford, Conn.
Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.
Greene, Richard W., *M.* 1945
H. M. S.
Greene, Robert G., a.r.s. *Or.* 1953
Children's Med. Center
Greenhill, M. H., r.p. *Psychiat.* 1939
Psychiatric Inst., University Hosp., Baltimore, Md.
Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.
GREENWOOD, F. A. H., a.r.s. *Or.* M. G. H.
GREGG, W. I., a.s. (*W.S.* 1935)
1269 Beacon, Brookline
Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.
Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada
Grice, D. S., *Or.* 1943
Children's Med. Center
Grier, R. S., *E.M.* 1942; a.r.p. 1943
4925 Trinity Dr., Los Alamos, N. M.
GRIESEMER, R. D., a.d.; sr.r.p. *D.* 1949 M. G. H.
Griggs, J. B., *C.M.* 1929
576 Farmington Ave., Hartford, Conn.
GRILLO, H. C., a. *S.* (*S.* 1948); r.s. 1955 M. G. H.
GRISCOM, N. T., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.
GROGAN, R. H., a.obst.
1101 Beacon, Brookline
GROSS, J., assoc. biol. *M.* M. G. H.
Grossman, M. S., *C.M.* M. G. H.
GROVE-RASMUSSEN, M., dir. of *Blood Bank* M. G. H.
GROVER, J. W., a.r.s. (*S.* 1957) M. G. H.
Groves, L. K., *W.S.* 1947
Cleveland Clinic Foundation, 2020 E. 93rd, Cleveland, Ohio

Guardo, J. L., *N.S.* 1930; a.r.s. *N.S.* 1931 5 Aldwin Rd., Jamaica Plain

GUILD, H. R., *Trustee* and *Treasurer of the Corporation* 294 Washington

Guller, E. I., *C.M.* 1924
245 Alexander, Rochester, N. Y.

GUNDERSEN, A. ERIK, a.r.s. (*S.* 1956) M. G. H.

Gundersen, Adolph L., *S.* 1950; a.r.s. 1955 218 S. 14th, La Crosse, Wis.

Gundersen, Sigurd B., Jr., *S.* 1949; a.r.s. 1954 218 S. 14th, La Crosse, Wis.

Gundersen, Sven M., *E.M.* 1931
Hitchcock Clinic, Hanover, N. H.

Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.

GUNDERSEN, TRYGVE, s. *Oph.*
534 Beacon

GURALNICK, W. C., dn. s.
29 Commonwealth Ave.

GURD, BARBARA C., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley

Guyton, A. C., *W.S.* 1943; a.r.s. 1946
Box 153, Route 7, Jackson, Miss.

HABER, E., a.r.p. (*M.* 1957) M. G. H.

HACKETT, T. P., a. *Psychiat.* M. G. H.

Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.

HAGGERTY, R. J., a. *C.M.*
300 Longwood Ave.

Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.

Hale, C. H., sr. r.p. *R.* 1943
120 E. Washington, Syracuse, N. Y.

HALEY, W. D., a. *Oph.*
1180 Beacon, Brookline; 78 Church, Winchester

Hall, B., *M.* 1946
1819 W. Polk, Chicago, Ill.

Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline

Hall, H. D. *Dn.* M. G. H.

Hall, M. G., *Path.* 1934 Danvers

Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.

HALL, T. C., a. *M.*; a.r.p. 1954 M. G. H.

HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon

HALLENBECK, D. F., Jr., a. psychiat. (*McL.*); r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951
McLean Hosp., Waverley

HALLOWELL, P., a. an.; a.r.p. *An.* 1955 M. G. H.

Halsted, J. A., *W.M.* 1932
Vet. Adm. Hosp., Syracuse, N. Y.

Hamilton, Harold H., r.s. *P.H.* 1933
70 Court, Plymouth

Hamilton, Howard B., *C.M.* 1945
350 Henry, Brooklyn, N. Y.

Hamilton, R. DeL., *E.M.* 1904
223 High, Newburyport

HAMLIN, E., Jr., v.s. (*W.S.* 1936); r.s. *W.S.* 1939 M. G. H.

HAMLIN, H., a. *N.S.*; r.s. *N.S.* 1942
270 Benefit, Providence, R. I.

Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914
112 E. 74th, New York, N. Y.

Hammond, W., *Path.* 1929
36 Crane Rd., Scarsdale, N. Y.

Hand, D. W., *Or.* 1934
450 Sutter, San Francisco, Calif.

HANELIN, J., clin. assoc. *R.* M. G. H.

Hanflig, S. S., *Or.* 1931
371 Commonwealth Ave.

Hansen, Robert H., a.r.p. *An.* 1957
286 Marion Dr., Baton Rouge, La.

HANSEN, ROBERT J., cons. *Biomechan.* M.I.T., Cambridge

Hanser, T. H., *E.M.* 1924
3701 Grandel Sq., St. Louis, Mo.

HAPP, L. C., a. *Oph.*
170 Waterman, Providence, R. I.

Haralambie, J. Q., *C.M.* 1936
Larchmont, N. Y.

Harder, H. J., a.r.p. *An.* 1952
Virchow Hosp., W. Berlin N65, Germany

HARDY, HARRIET L., assoc. p. M. G. H.

HARDY, I. B., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942
94 Russell, Waltham

HARE, A. P., assoc. sociol. *Psychiat.* M. G. H.

HARPER, R. S., a.r.p. *Path.* M. G. H.

Harral, P., *Or.* 1936
450 Sutter, San Francisco, Calif.

Harris, H. P., Jr., *N.S.* 1936
1432 Post Rd., Fairfield, Conn.

Harris, W. Robert, a.r.s. *Or.* 1952
170 St. George, Toronto, Canada

HARRIS, WILLIAM H., sr.r.s. *Or.* M. G. H.

Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929
255 Bradley, New Haven, Conn.

Harrison, M. B., *E.M.* 1938
104 Funston Ave.,
San Francisco, Calif.
Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf
HARRISON, T. S., a.r.s. M. G. H.
Harter, J. S., *W.S.* 1935
212 Brown Bldg., Louisville, Ky.
Harting, D., *C.M.* 1947
1625 Northern Parkway,
Baltimore, Md.
Hartwig, A. R., a.r.s. *Or.* 1948
490 Post, San Francisco, Calif.
Harty, J. E., r.p. *Psychiat.* (*McL.*) 1939 135 Main, Waterbury, Conn.
Harvey, R. B., *M.* 1946
Naval Air Base, Floyd Bennett Field, Brooklyn, N. Y.
HARWOOD, R., assoc. p. (*W.M.* 1936) M. G. H.
HASHIMOTO, K., a.r.p. *D.* M. G. H.
Haswell, H. P., a.r.p. *An.* 1949
2217 Webster, San Francisco, Calif.
Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.* 1917 699 E. South Temple,
Salt Lake City, Utah
HATCH, FRANCIS W., *Trustee*
462 Boylston
Hathaway, J. S., r.p. *E.M.* 1932
109 College, New Haven, Conn.
HAUSER, G. P., a. biochem. (*McL.*)
7 High Rock Way, Allston
Haut, A., *M.* 1950; r.p. 1953
Salt Lake County Gen. Hosp.,
Salt Lake City, Utah
Havemeyer, W. F., a.r.s. 1948
Box 308, Willcox, Ariz.
HAVEN, G. W., dn.s. (*McL.*)
29 Bay State Rd.
Hawes, C. H., *W.S.* 1931
151 Rock, Fall River
Hawes, L. E., *E.M.* 1939 and *C.M.* 1940; a.r.p. *R.* 1942
Faulkner Hosp., Jamaica Plain
Hawkes, R. S., *W.M.* 1933
47 Deering, Portland, Maine
Hawkins, R., r.s. *N.S.* 1948
571 Hamilton Ave.,
Palo Alto, Calif.
HAYCOX, J. A., a. psychiat. (*McL.*)
McLean Hosp., Waverley
HAYDEN, E. P., *Bd. of Cons.*; h.s. *E.S.* 1923 270 Commonwealth Ave.
Hayden, J. W., a.r.s. *Or.* 1955
Children's Med. Center
Hayes, D. R., *E.S.* 1939
281 State, Springfield
Haynes, Ruth C., a.r.p. *An.* 1955
131 S. Grant Ave., Columbus, Ohio
Haynes, W. M., Jr., *S.* 1952; a.r.s. 1956
131 S. Grant Ave., Columbus, Ohio
Head, J. M., *S.* 1951; a.r.s. 1957
c/o Dr. Richard H. Sweet,
87 Chestnut
Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge
Heath, P., Jr., a.r.p. 1954
22 White, Rockland, Maine
Heath, R. D., a.r.s. *Or.* 1950
Lankenau Hosp. Med. Bldg.,
Philadelphia, Pa.
Hebertson, W. M., r.p. *N.* 1957
M. G. H.
HEDBERG, S. E., a.r.s. (*S.* 1956)
M. G. H.
Heffron, R., *E.M.* 1931
The Commonwealth Fund,
1 E. 75th, New York, N. Y.
Heggie, J. F., *M.* 1956
20 Cleveland Ave.,
Glen Head, Long Island, N. Y.
HELMAN, M. E., a.d.
375 Commonwealth Ave.
Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn.
HENDREN, W. H., III, r.s. (*S.* 1953)
M. G. H.
Hendrick, I., r.p. *Psychiat.* (*McL.*) 1932 205 Beacon
Henley, T. F., *C.M.* 1939
116 Lockland Ave.,
Winston-Salem, N. C.
HENNEMAN, P. H., a. *M.* M. G. H.
Henry, M. O., *Or.* 1922
825 Nicollet Ave.,
Minneapolis, Minn.
Hepburn, J. P., a.r.p. *An.* 1953
Milton Hosp., Milton
Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.
HERM, R. J., a. *Oph.*
314 Main, Melrose
HERMANN, G., a.r.s. (*S.* 1955)
M. G. H.
HERMANN, H. T., a. *Psychiat.*
M. G. H.
Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc.,
Guatemala City, Guatemala
Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.
HERRMANN, J. B., a.r.s. (*S.* 1958)
M. G. H.
HERSEY, F. C., a. attend. psychiat. (*McL.*) 14 Charlesgate West

Hershey, F. B., *E.S.* 1947; r.s. 1952
U. S. Vet. Hosp.,
St. Louis, Mo.

HESS, HELEN H., assoc. n.p. (*McL.*)
McLean Hosp., Waverley

Heusner, A. P., *E.S.* 1939; a.r.s. 1942 and r.s. *N.S.* 1943
Univ. of North Carolina Sch. of Med.,
Chapel Hill, N. C.

Heyl, H. L., r.s. *N.S.* 1940
Hitchcock Foundation,
Hanover, N. H.

Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.

Hiden, R. B., *W.M.* 1925
Silver Hill Foundation,
New Canaan, Conn.

HIEBERT, C. A., r.s. (*S.* 1952)
M. G. H.

Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.

Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.

Higgins, R. B., a.r.s. *U.* 1951
148 Shelbourne Towers,
Knoxville, Tenn.

HILL, J. M., a. *Oph.*
108 Bay State Rd.

Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro

Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.

Hill, N. P., *M.* 1946; a.r.p. 1946
Truesdale Hosp., Fall River

HILL, W. R., Jr., a.d.
M. G. H.

Hills, H. M., Jr., *Or.* 1942
1208 Kanawha Blvd., East,
Charleston, W. Va.

Hills, O. W., *M.* 1943
111 St. Matthews Ave.,
San Mateo, Calif.

HINDMAN, D. H., a. obst.
1093 Beacon, Brookline

Hinshaw, A. J., *E.S.* 1947
701 Goodhue Bldg.,
Beaumont, Tex.

HIRSCH, L. S., a. *Otolar.*
42 Lincoln, Framingham

HIRSCH, O., cons. *N.S.*
186 Commonwealth Ave.

Hitchcock, J., *W.M.* 1921
39 Main, Concord

HOAGLAND, M. B., assoc. biochem. *M.* M. G. H.

Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.

Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931 209 N. Main, Dayton, Ohio

Hodges, T. W., *Or.* 1941
Yates Clinic, 1801 K, N. W.,
Washington, D. C.

HODGSON, J. S., *Bd. of Cons.* (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920 262 Beacon

Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923 319 Longwood Ave.

Hoffman, H. A., r.s. *U.* 1946
60 8th, New Bedford

Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951
156 Broadway, Pawtucket, R. I.

Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934 425 E. Wisconsin Ave.,
Milwaukee, Wis.

HOLDER, R., a. psychiat. (*M.* 1945); r.p. *Psychiat.* 1946
274 Commonwealth Ave.

Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover

HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947
1146 Beacon, Brookline

Holland, Jimmie Brockman, r.p. *Psychiat.* 1955 302 Crosby Blvd.,
Buffalo, N. Y.

HOLMES, E. M., s. *Otolar.*
330 Dartmouth

HOLMES, G. W., hon. p.
Little River Hill, Belfast, Maine

HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938)
94 Russell, Waltham

Holmes, R. B., r.p. *R.* 1950
Toronto Gen. Hosp.,
Toronto, Canada

Holmes, S. G., *C.M.* 1943
1606 E. La Rua, Pensacola, Fla.

Holt, C. L., *N.S.* 1938
29 Deering, Portland, Maine

Holt, W. L., Jr., r.p. *N.* 1937
Westboro State Hosp., Westboro

Holtz, A. I., *C.M.* M. G. H.

HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 1776 Beacon, Brookline

HOMANS, MRS. ROBERT, *Trustee*
280 Beacon

Hoodless, E. C., a.r.s. *Or.* 1952
1105 Pandora Ave.,
Victoria, British Columbia, Canada

Hopkins, C. E., a.r.p. *C.M.* 1948
Johns Hopkins Hosp.,
Baltimore, Md.

Hopkins, F. S., *E.S.* 1919
146 Chestnut, Springfield

Hopkins, R. W., *S.* 1948; a.r.s. 1954
Cuyahoga County Hosp.
(formerly Cleveland City Hosp.),
Cleveland, Ohio

Hopkins, S. W., *E.S.* 1936
28 Orne, Marblehead

Hormell, R. S., *Or.* 1942
1180 Beacon, Brookline

Horn, C. E., *Or.* 1940; r.s. *Or.* 1942
2901 Capitol Ave., Sacramento,
Calif.

Horwitz, W. H., r.p. *Psychiat.* (*McL.*)
1951 82 Marlborough

HOVSEPIAN, JEANNETTE A., a.r.p.
R. M. G. H.

Howard, F. H., *C.M.* 1949; a.r.p.
C.M. 1950
140 W. Spruce, Sault
Ste. Marie, Mich.

Howard, H. H., *W.S.* 1914
1 Fishers Lane, Delray Beach, Fla.

Howard, J. E., *W.M.* 1930
Johns Hopkins Hosp.,
Baltimore, Md.

HOWARD, P. M., assoc. c. psychiat.
(*McL.*); psychiat.; r.p. *Psychiat.*
1937; r.p. *Psychiat.* (*McL.*) 1939
McLean Hosp., Waverley

HOWE, HENRY D., a.dn.s. (*Dn.*
1945) 196 Marlborough

Howe, Henry F., r.s. *P.H.* 1934
11 N. Main, Cohasset

Howland, J. B., *W.S.* 1897
657 Main, Hingham

Hoyt, W. F., *W.S.* 1932; r.s. *W.S.*
1934 38 School, Springfield

Hubbard, E., Jr., *W.M.* 1921
29 Highland, Cambridge

Huber, W. M., r.p. *D.* 1937
Vanderbilt Clinic,
Presbyterian Med. Center,
New York, N. Y.

HUCKELL, J. R., a.r.s. *Or.* M. G. H.

Hugenberger, P. W., *Path.* 1931 and
Or. 1935; r.p. *Path.* 1932
234 Marlborough

HUGGARD, MIRIAM, exec. a. *P.H.*
(*S.N.* 1931) M. G. H.

HUGGINS, C. E., a.r.s. (*S.* 1953)
M. G. H.

Hughes, H. C., *Or.* 1937
203 Metropolitan Bldg.,
Denver, Colo.

Hügin, W., a.r.p. *An.* 1948
Chir Klink im Burgerspital,
Basel, Switzerland

Hummel, L. E., *Path.* 1932
135 Linwood Ave.,
Buffalo, N. Y.

Humphreys, S. P., *Or.* 1936; a.r.s.
N.S. 1937 264 Beacon

HUNT, R. T. N., a.r.p. *Path.* (*Path.*
1957) M. G. H.

Hunt, S. P., a.r.p. *Psychiat.* 1940
R. D. #3, Bethesda, Md.

Hunter, R. W., a.r.p. *N.* 1939
Hitchcock Clinic, Hanover, N. H.

HUNTINGTON, B. L., a.p. (*W.M.*
1940)
John Hancock Mut. Life Ins. Co.

Huntington, J. L., *S.S.* 1908
River Dr., Hadley

Hüppe, J. R., r.p. *R.* 1957
Adelbert Stifter Str. 27,
München 27, Germany

HURLEY, P. D., a. *Oph.*
270 Commonwealth Ave.

HURWITZ, J. J., a. *U.* 636 Beacon

Hurxthal, L. M., *W.M.* 1925; r.p.
E.M. 1927
605 Commonwealth Ave.

HUSSEY, MARGARET B., a. *D.*
59 Coddington, Quincy

Huston, L. L., *Or.* 1937
67 Converse, Longmeadow

Hyatt, G. T., *W.S.* 1931 and *Or.*
1934 412 S. E. 4th,
Evansville, Ind.

Ibsen, B., a.r.p. *An.* 1950
Solotorvet 84, Copenhagen K,
Denmark

Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937
6367 Wilshire Blvd.,
Los Angeles, Calif.

Ingalls, T. H., r.p. *C.M.* 1938
St. Mark's Sch., Southboro

INGERSOLL, F. M., assoc. v.s. (*W.S.*
1939); a.r.s. 1942 226 Marlborough

IRWIN, J. W., a. *M.* M. G. H.

Isaacs, J. P., a.r.p. *An.* 1952
Harvard Sch. of Public Health

ISSELBACHER, K. J., a.p. (*M.* 1950);
r.p. 1953 M. G. H.

Ives, L. M., r.p. *Psychiat.* (*McL.*)
1933 45 Clapboardtree, Westwood

JACKANICH, R. F., a.r.p. *An.*
M. G. H.

Jackson, A. M., *W.S.* 1917
512 Broadway, Everett

Jackson B. B., *S.* 1953; a.r.s. 1957
1206 Heyburn Bldg., Louisville, Ky.

Jackson, H., Jr., *E.M.* 1919
Boston City Hosp.

JACKSON, LEE, r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley

JACOBSON, B. M., p. M. G. H.

JAKUS, MARIE A., biol. *Oph.*
99 W. Cedar

James, G. W., III, *M.* 1944
2809 Grove Ave., Richmond, Va.
James, W. J., r.s. *N. S.* 1949
U. S. Naval Hosp., San Diego, Calif.
Javid, M., r.s. *N.S.* 1952
Univ. of Wisconsin Hosp., Madison, Wis.
JEANLOZ, R. W., assoc. biochem. *M.* M. G. H.
Jefferies, W. McK., *E.M.* 1942
Lakeside Hosp., Cleveland, Ohio
Jenkins, M. T., a.r.p. *An.* 1948
Parkland Hosp., Dallas, Tex.
Jergesen, F. H., *Or.* 1942
384 Post, San Francisco, Calif.
Jessner, Lucie, r.p. *Psychiat.* (*McL.*) 1939 Univ. of North Carolina, Chapel Hill, N. C.
Jobe, M. C., *C.M.* 1924
227 16th, Denver, Colo.
JOHNSON, C. C., a.s. *Oph.*
5 Bay State Rd.
JOHNSON, D. G., a.r.s. (*S.* 1957) M. G. H.
Johnson, F. G., *Dn.* 1943
26 Washington, Eastport, Maine
Johnson, Louis F., a.r.p. *An.* 1954
7 Hillside Ct., Gloucester
Johnson, Louis G., *Path.* 1940 and *E.M.* 1942; a.r.p. 1942
3418 Stanley, Montreal, Canada
Johnson, N. P., *E.M.* 1925
65 S. 10th, Minneapolis, Minn.
Johnson, O. R., r.p. *D.* 1931
18 Deering, Portland, Maine
Johnson, P. R., *Path.* 1936
678 Farmington Ave., W. Hartford, Conn.
Johnson, V. S., sr. r.s. *Or.* 1955
27 Elm, Worcester
Johnston, E. V., *W.S.* 1947
Waterloo Savings Bank Bldg., Waterloo, Iowa
Jones, B.B., *E.M.* 1918 and *C.M.* 1919
526 North Blvd., Richmond, Va.
JONES, C. M., *Bd. of Cons.* (*E.M.* 1919); h.p. *E.M.* 1921 M. G. H.
Jones, F. S., *Or.* 1932
179 Allyn, Hartford, Conn.
Jones, G. E., *E.S.* 1939; a.r.s. 1942
108 W. 22nd, Olympia, Wash.
JONES, H. W., Jr., a. *M.*
330 Dartmouth
JONES, R. H., r.p. M. G. H.
Jones, S. G., *W.S.* 1923
270 Commonwealth Ave.
Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.
JONES, WALLACE A., a.r.p. *Path.* M. G. H.
Jones, William Nicholas, a.r.s. *Or.* 1954 35 Huntington, New London, Conn.
JONES, WILLIAM NORMAN, a. *Or.* (*Or.* 1947) 266 Beacon
JOPLIN, R. J., a.s. *Or.* (*Path.* 1929 and *Or.* 1933)
1180 Beacon, Brookline
Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.
Joseph, A. T., *Dn.* 1941
475 Commonwealth Ave.
Joslin, E. P., *W.M.* 1895
81 Bay State Rd.
JOSSE, J. W., a.r.p. (*M.* 1957) M. G. H.
JOYCE, JOSEPHINE, exec. a. (*R.N.*) M. G. H.
Judd, A. B., *S.* 1955
3303 Menlo Ave., Cincinnati, Ohio
Judd, J. M., *E.S.* 1944; j.r.s. *E.S.* 1945; r.s. *N.S.* 1946
Murray Hill, Mount Morris, N. Y.
Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio
Justi, R. A., r.p. *Path.* 1956
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Kahn, D. S., r.p. *Path.* 1950
St. Mary's Hosp., Montreal, Canada
KAHNE, M. J., assoc. psychiat. (*McL.*)
McLean Hosp., Waverley
Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.
KANE, L. W., a. *M.* (*W.M.* 1941) M. G. H.
KAPLAN, S., a. psychiat.
38 Hyde, Newton Highlands
Karamanoukian, E., a.r.p. *D.* 1955
En face du Cine Diana, Aleppo, Syria
KARNES, W. E., r.p. *N.* M. G. H.
KARTCHNER, M. M., a.r.s. (*S.* 1958) M. G. H.
Katz, A. M., *M.* 1957
National Inst. of Health, Bethesda, Md.
Katz, S. L., a.r.p. *C.M.* 1955
Children's Med. Center
Kaufman, H. E., *M.* 1957
National Inst. of Health, Bethesda, Md.
Kaufman, M. R., r.p. *Psychiat.* (*McL.*) 1933 253 Marsh, Belmont
Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester

Kazanjian, Joan, r.p. *C.M.* 1956
3200 Shorewood Dr.,
Mercer Island, Wash.

KAZANJIAN, K. A., a.s. *Otolar.;* r.p. *D.* 1933
475 Commonwealth Ave.

KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.

KEARSLEY, R. B., a. *C.M.* (*C.M.* 1954); c.r.p. *C.M.* 1956
122 Front, Scituate

Keats, A. S., a.r.p. *An.* 1951
Baylor Univ. Coll. of Med.,
Houston, Tex.

Keeley, J. K., *N.S.* 1937; r.s. *P.H.* 1938
103 S. Hamilton,
Poughkeepsie, N. Y.

KEENAN, T. J., a.r.p. *An.* M. G. H.

KEEVIL, C. S., Jr., r.p. (*M.* 1956) M. G. H.

Keiser, R. P., *Or.* 1942
Coral Gables Clinic,
Coral Gables, Fla.

KELEMEN, G., res. assoc. *Otolar.*
20 Gloucester

KELLER, ELIZABETH B., a. biochem. *M.* M. G. H.

KELLER, J. W., a. *M.* 330 Dartmouth

KELLEY, RITA M., a.p. (*M.* 1947); r.p. 1949
264 Beacon

KELLEY, S. B., v.u. (*E.S.* 1931); r.s. *U.* 1933
412 Beacon

KELLEY, V. J., s. *Otolar.*
520 Commonwealth Ave.

KELLY, J. F., podiatrist *Or.*
924 Statler Office Bldg.

Kendrick, J. I., *Or.* 1933
2020 E. 93rd, Cleveland, Ohio

Kennard, H. E., *W.S.* 1934
246 Dudley Rd., Newton Centre

Kennedy, B. Hughes, *C.M.* 1921
2940 Clairmont Ave.,
Birmingham, Ala.

Kennedy, Byrl J., *M.* 1946; r.p. 1952
Univ. of Minnesota Hosp.,
Minneapolis, Minn.

Kennedy, J. H., *S.* 1950; a.r.s. 1955
7755 Fay Ave., La Jolla, Calif.

Kennedy, R. P., *Thd. S.* 1924
1 Knollwood Dr.,
Rochester, N. Y.

KENT, C., a.s. *Otolar.*
270 Commonwealth Ave.

KERN, H. L., biochem. *Oph.*
Mass. E. & E. Inf.

Kernan, R. D., *Path.* 1945
98 Adams, Milton

KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949
M. G. H.

Kerr, William J., *W.M.* 1916
Maple Creek Rd., Korbel,
Humboldt County, Calif.

Kerrigan, G. A., *C.M.* 1950; c.r.p. *C.M.* 1952
Milwaukee Children's Hosp.,
Milwaukee, Wis.

Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939
7 Trapelo Rd., Belmont

KETCHUM, P., *Trustee* and *President of the Corporation* 294 Washington

Ketchum, W. F., *C.M.* 1948
American Cyanamid Co.,
Danbury, Conn.

Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931
Norwich State Hosp.,
Norwich, Conn.

KEUPER, C. S., a. *D.;* r.p. *D.* 1951
270 Commonwealth Ave.

Key, J. A., *Or.* 1921
4952 Maryland Ave.,
St. Louis, Mo.

KEY, R. E., sr.r.s. *Or.* M. G. H.

Key, W. A., *Or.* 1927
23 2nd Ave., San Mateo, Calif.

Keyes, G. H., *M.* 1947
Ogden Clinic, Ogden, Utah

Kiely, B., *M.* 1952
Johns Hopkins Hosp.,
Baltimore, Md.

Kilfoyle, R. M., a.r.s. *Or.* 1951
84 Olney, Dorchester

Kilgore, A. R., *W.M.* 1914
314 San Rafael Ave.,
Belvedere, Calif.

Kimberly, C. H., r.p. *N.* 1929
Stockbridge

Kimura, K. K., *C.M.* 1955; a.r.p. *C.M.* 1956
Clin. Res. Div., C. W. Labs.,
Bldg. 355, Army Chemical Center, Md.

Kind, H. A., *C.M.* 1935
Tilton Gen. Hosp.,
Fort Dix, N. J.

KING, D. S., *Bd. of Cons.* (*E.M.* 1920)
4 Downing Rd.,
Hanover, N. H.

KING, H. A., a.r.p. *C.M.* M. G. H.

King, W. B., Jr., a.r.p. *Path.* 1956
M. G. H.

Kingman, L. C., *W.S.* 1905
130 Slater Ave., Providence, R. I.

Kinney, R. J., a.r.p. 1943
Route 3, N. Topeka, Kan.

Kinnicutt, R., *E.M.* 1908
72 Cedar, Worcester
KINOSHITA, J., biochem. *Oph.*
Mass. E. & E. Inf.
Kinsey, Dera, a.r.p. 1939
203 Commonwealth Ave.
KIRKWOOD, S. B., assoc. obst.
(*W.S.* 1934) 1180 Beacon,
Brookline
KITE, O. W., dn.s. (*Dn.* 1951)
29 Bay State Rd.
Kitts, A. W., r.p. *C.M.* 1941
221½ Camden Ave., Salisbury, Md.
KJELLBERG, R. N., sr.r.s. *N.S.*
M. G. H.
Klaus, Hanna, a.r.p. *Path.* 1953
Barnes Hosp., St. Louis, Mo.
Kleaveland, R.N., *S.* 1952; a.r.s. 1956
Paulsen Medical and Dental Bldg.,
Spokane, Wash.
KLEIN, DAVID M., a.r.s. *N.S.*
M. G. H.
KLEIN, DONALD C., assoc. psychol.
309 Washington, Wellesley Hills
KLINGENSMITH, W. E., a.r.s. (*S.*
1955) M. G. H.
KLOTZ, R. E., a. *Otolar.* and a.c.
Otolar. Mass. E. and E. Inf.
Knapp, M. R., a.r.p. *An.* 1955
135 North Bluff, Wichita, Kan.
Knapp, P. H., a.r.p. *Psychiat.* 1947
Boston Univ. Sch. of Med.
Knapp, R. G., Jr., *Dn.* 1950
16 Westland Ave.
Kneisel, J. J., *E.M.* 1940
1 Greenridge Ave.,
White Plains, N. Y.
KNOWLES, J. H., c.r.p. (*M.* 1952)
M. G. H.
KOCH-WESER, J., r.p. (*M.* 1955)
M. G. H.
Koppel, Elizabeth A., a.r.p. *An.* 1954
437 Cedar, N.W.,
Washington, D. C.
Kowalski, H. J., *M.* 1945; a.r.p. 1948
H. M. S.
Kozol, H. L., *E.M.* 1936
115 Bay State Rd.
Kramer, J. G., *C.M.* 1917
159 S. Main, Akron, Ohio
KRANE, S. M., a. *M.* (*M.* 1952);
c.r.p. 1957 M. G. H.
KRANES, A., p. (*W.M.* 1932); c.r.p.
1935 M. G. H.
Kraut, H. L., a.r.p. *D.* 1957
St. Luke's Hosp., New York, N. Y.
Kravitz, A. R., *M.* 1955
Mass. Mental Health Center
KRAYER, O., cons. *Pharm.* H. M. S.
Kreisle, J. E., *W.M.* 1943; r.p. 1947
2317 Longview Ave., Austin, Tex.
Kristjansson, H., a.r. *Or.* 1946
Welch Emergency Hosp.,
Welch, W. Va.
KUBIK, C. S., *Bd. of Cons.*
330 Dartmouth
KUBZANSKY, P. E., a. psychol.
Boston City Hosp.
Kuhlman, E. G., *C.M.* 1925
Toronto, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948
256 Pearl, Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949
251 Powers,
New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926
372 Marlborough
Kulka, J. P., a.r.p. *Path.* 1947
H. M. S.
KUNZ, L. J., a.b. M. G. H.
KUWABARA, T., a. *Oph.* path.
Mass. E. & E. Inf.
KWASS, G. F., a.r.p. *Path.* M. G. H.
Lacey, W. H., *W.S.* 1917
54 School, Keene, N. H.
Lake, M., *W.M.* 1924
1060 Park Ave., New York, N. Y.
Lambert, E. C., *E.M.* 1943
Children's Hosp., Buffalo, N. Y.
Lambert, J. T., *W.M.* 1942
c/o Dr. Adrian Lambert,
215 E. 72nd, New York, N. Y.
LAMDIN, SUSANNE J., a.r.p. *An.*
(*C.M.* 1953) M. G. H.
LAMONT, J. H., assoc. psychiat.;
sr.r.p. *Psychiat.* (*McL.*) 1951
M. G. H.
Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.
Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch.,
Nashville, Tenn.
Langer, G. A., *M.* 1955
195 W. Central Ave.,
Pearl River, N. Y.
Lanman, T. H., *E.S.* 1918
Children's Med. Center
Lansing, C., *C.M.* 1948; a.r.p. *C.M.*
1950 Univ. of North Carolina,
Chapel Hill, N. C.
Larkey, J., *W.S.* 1928
3115Webster, Oakland, Calif.
Laron, Z., r.p. *C.M.* 1955
Beilinson Hosp., Petah Tiqva, Israel

LARSON, C. B., *Bd. of Cons.* (*Or.* 1938)
University Hosp., Iowa City, Iowa
Lassiter, W. E., *M.* 1955; a.r.p. 1956
M. G. H.
Laster, L., *M.* 1950; r.p. 1953
National Inst. of Health,
Bethesda, Md.
LAWLOR, E. F., a.s. *Otolar.*
67 Vernon, Waltham
Lawrence, George H., *W.S.* 1947;
a.r.s. 1952 Barnes Hosp.,
St. Louis, Mo.
LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.
LAWRENCE, JOHN E., *Trustee*
60 Batterymarch
Lawrence, John S., *W.M.* 1925
Med. Sch. of Univ. of California
South, Los Angeles, Calif.
LAYZER, R. B., a.r.p. (*M.* 1958)
M. G. H.
LAZARUS, H. R., r.p. *Psychiat.*
(*McL.*) McLean Hosp., Waverley
Leach, C. A., Jr., a.r.p. *C.M.* 1951
11 Charles, Danvers
LEADBETTER, G. W., Jr., a.r.s. *U.*
M. G. H.
LEADBETTER, W. F., c. *U.* M. G. H.
LEAF, A., assoc.p. (*M.* 1944)
M. G. H.
LEAHEY, B. D., s. *Oph.*
9 Central, Lowell
LeBARON, F. N., assoc. biochem.
(*McL.*) McLean Hosp., Waverley
Ledbetter, Betsy A., a.r.p. *An.* 1955
1513 Line Ave., Shreveport, La.
LeDONNE, J. E., a. *D.*; r.p. *D.* 1952
357 Essex, Salem
Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.
LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon
Leeper, R. W., r.p. *D.* 1950
Kaiser Foundation Hosp.,
Oakland, Calif.
LEES, MARJORIE B., assoc. biochem.
(*McL.*) McLean Hosp., Waverley
Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.
Leiderman, P. H., r.p. *Psychiat.* 1957
Boston City Hosp.
Leidholt, J. D., a.r.s. *Or.* 1952
830 E. 18th Ave., Denver, Colo.
Leigh, A. D., r.p. *Psychiat.* 1948
Maudsley Hosp., London S.E.,
England
LEIGHTON, H. T., a. obst.
319 Longwood Ave.
Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.
Leinbach, T. C., a.r.s. *Or.* 1956
330 N. 5th, Reading, Pa.
Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.
Lennox, W. G., *W.M.* 1915
Children's Med. Center
LENTINE, J., assoc. s. *Otolar.*
15 Bay State Rd.
LEPPER, EDNA S., assoc. dir. *Nurs.*
Serv. (*S.N.* 1926) M. G. H.
LERMAN, J., p.
370 Commonwealth Ave.
LESKOWITZ, S., assoc. immunol. *M.*
M. G. H.
Letsou, V. G., a.r.p. *D.* 1956
U.S. Naval Hosp., Chelsea
Levene, M. B., r.p. *R.* 1954
636 Beacon
LEVER, W. F., assoc. d.; a.r.p. *D.*
1938 270 Commonwealth Ave.
LEVINE, H. J., a.r.p. M. G. H.
LEVITAN, J. J., a.dn.s. 80 Boylston
Levy, S. W., a.r.p. *D.* 1951
450 Sutter Bldg.,
San Francisco, Calif.
LEWIS, D. K., assoc. s. *Otolar.*
Mass. E. & E. Inf.
Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford
Lewis, James, *W.M.* 1935 and *C.M.*
1936 281 State, Springfield
LEWIS, JOHN L., Jr., a.r.s. (*S.* 1958)
M. G. H.
LEWIS, JOSEPH L., clin. assoc. *C.M.*
(*C.M.* 1936); r.p. *C.M.* 1937
25 Grant, Waltham
Licciardello, A. T., *M.* 1948; a.r.p.
1949 20 Chase, Danvers
*Lichtenwalner, C. S., *M.* 1950; a.r.p.
1951 USOM, H&S, Box 32,
Navy 150, c/o Fleet Post Office,
San Francisco, Calif.
LIEBMAN, S. D., a.s. *Oph.*
115 Bay State Rd.
Liffmann, K. E., *Dn.* 1956
160 Longwood Ave.
LIFTON, R. J., a. *Psychiat.*
107 Garden, Cambridge
LIFVERGREN, SARAH M., exec. a.
B.M. (*S.N.* 1930) M. G. H.
Lilly, T. E., Jr., *E.S.* 1943
915 Argyle Bldg., Kansas City, Mo.
Lincoln, J. R., *Or.* 1918
Main, Wareham

*Not in States and Cities section of this Directory

LINCOLN, R. C., a.dn.s. (*Dn.* 1953) M. G. H.

LINDEMANN, E., c. *Psychiat.*; psychiat. (*McL.*) M. G. H.

Lindsay, M. K., *Or.* 1926
2650 Wisconsin Ave., N.W., Washington, D. C.

LINENTHAL, A. J., assoc.p. *C.M.*; a.r.p. 1944 1265 Beacon, Brookline

Lingenfelter, G. P., *D.* 1910
1612 Tremont Pl., Denver, Colo.

Lingley, J. R., a.r.p. *R.* 1931
27 Elm, Worcester

LINTON, R. R., v.s. (*W.S.* 1928); r.s. *W.S.* 1930
1180 Beacon, Brookline

LIPMAN, M. M., a.r.p. M. G. H.

LIPOWSKI, Z. J., a.r.p. *Psychiat.* M. G. H.

LITTLEFIELD, J. W., a. *M.* (*M.* 1948); r.p. 1950 M. G. H.

LITTMANN, D., clin. assoc. *M.*
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain

Liu, C. T., r.s. *N.S.* 1946
Vet. Adm. Hosp., Oakland, Calif.

Lium, R., *E.S.* 1935
388 State, Portsmouth, N. H.

Livermore, G. R., Jr., *W.S.* 1943
Mayo Clinic, Rochester, Minn.

Livingston, W. K., *W.S.* 1922
Univ. of Oregon Med. Sch., Portland, Oreg.

Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946
115 Newbury

Locke, E. A., *E.M.* 1902
Wilton, N. H.

Locke, H. L. F., *C.M.* 1912
179 Allyn, Hartford, Conn.

Locksley, H. B., *S.* 1950; sr. r.s. *N.S.* 1956 55 Stratford Ave., Pittsfield

Loeb, R. F., *W.M.* 1920
Presbyterian Hosp., New York, N. Y.

LOFTFIELD, R. B., assoc. biochem. *M.* M. G. H.

Lombroso, C. T., a.r.p. *N.* 1955
Children's Med. Center

LONG, R. T., a. psychiat. M. G. H.

LORENZ, MARIA, a. psychiat.; assoc. psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.

Lothrop, O. A., *W.S.* 1909
101 Beacon

LOVESEY, B. E., assoc. s. *Otolar.*
76 Bay State Rd.

Lowd, H. M., Jr., *C.M.* 1941
359 Essex, Salem

Lowe, C. U., r.p. *C.M.* 1948
Univ. of Minnesota Hosp., Minneapolis, Minn.

LOWELL, J. D., a. *Or.*; a.r.s. *Or.* 1953 266 Beacon

LOWELL, R., *Trustee* 100 Franklin

Lowell, W. H., Jr., a.r.p. 1940
703 Asylum Ave., Hartford, Conn.

LOWIS, S., clin. assoc. *N.S.* (*N.S.* 1936); r.s. *N.S.* 1940
475 Commonwealth Ave.

Lowrey, S. R., r.s. *U.* 1936
170 St. George, Toronto, Canada

LUCK, D. J. L., r.p. (*M.* 1954) M. G. H.

Ludwig, A. O., *E.M.* 1932; r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937
82 Marlborough

Ludwig, G. D., a.r.s. 1950
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.

Luessenhop, A. J., r.s. *N.S.* 1957 M. G. H.

Luikart, R. H., *W.S.* 1917
107 S. 17th, Omaha, Nebr.

Luikart, R. H., Jr., *M.* 1944; a.r.p. *D.* 1948
1525 State, Santa Barbara, Calif.

Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923 20 Gloucester

Lund, I., a.r.p. *An.* 1947
Ulleval sykehus, avd. III, Oslo, Norway

Lunt, L. K., *W.M.* 1916
Double Four Ranch, Wheatland, Wyo.

LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.

LURIE, A. S., a.r.p. *D.* M. G. H.

LURIE, M. H., dir. res. *Otolar.* 483 Beacon

Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.

Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.

Lyons, C., *W.S.* 1933; r.s. 1936
Med. Coll. of Alabama, Birmingham, Ala.

Lytton, W., r.p. *Psychiat.* (*McL.*) 1937 4500 Olive, St. Louis, Mo.

Mabon, T. McC., *W.M.* 1918
Univ. of Pittsburgh Sch. of Med., Pittsburgh, Pa.

MABREY, R. E., clin. assoc. *S.*
270 Commonwealth Ave.

McAlpine, F. S., c.r.p. *An.* 1957
U.S. Naval Hosp., Bethesda, Md.

McARTHUR, JANET W., a.p.; a.r.p. 1944 M. G. H.

MacAusland, A. R., *W.S.* 1911
412 Beacon

MacAUSLAND, W. R., Jr., a. *Or.*
412 Beacon

McCandless, O. C., *C.M.* 1926
Marion, Kan.

McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch.,
Washington, D. C.

McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.

McCARTHY, P. L., a. *D.*
36 Adams, Quincy

McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.

McCLELLAN, BETTY J., a.r.p. *Path.* (*Path.* 1958) M. G. H.

McClellan, W. S., *W.M.* 1925
Univ. of North Carolina
Sch. of Med., Chapel Hill, N. C.

McCLELLAND, W. K., clin. assoc. *S.* M. G. H.

McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane,
Port Huron, Mich.

McConnell, F., r.p. *R.* 1956 M. G. H.

McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp.,
San Jose, Calif.

McCune, W. S., *W.S.* 1937
1150 Connecticut Ave.,
Washington, D. C.

McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
9th and Edmond, St. Joseph, Mo.

MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada

McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine

McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
University Hosp., Cleveland, Ohio

McDERMOTT, W. V., Jr., assoc. v.s. (*W.S.* 1943); r.s. 1951 M. G. H.

McDONALD, C. A., hon. p.
106 Waterman, Providence, R. I.

McDONALD, F. C., clin. assoc. *C.M.*
39 Main, Concord

Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Lafayette, Yarmouth, Maine

MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp.,
Richmond, Va.

McDowell, W. P., *C.M.* 1917
142 W. York, Norfolk, Va.

McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio

McFARLAND, R. B., a.r.p. *Path.* M. G. H.

McGahey, C. E., r.s. 1946
Warren, Hudson, N. Y.

McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.

McGOVERN, J. J. M., a.p. *C.M.* M. G. H.

McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.

McHUGH, P. R., a.r.p. *N.* M. G. H.

McIntyre, Patricia A., *M.* 1953
Johns Hopkins Hosp.,
Baltimore, Md.

McIver, M. A., h.s. *E.S.* 1922
Mary Imogene Bassett Hosp.,
Cooperstown, N. Y.

Mack, J. E., *M.* 1956
Mass. Mental Health Center

McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer Rd., Hull,
Quebec, Canada

McKEE, D. M., a.r.s. (*S.* 1957) M. G. H.

McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd.,
Los Angeles, Calif.

McKEIGUE, J. E., assoc. s. *Otolar.*
274 Commonwealth Ave.

McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.

McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester

McKHANN, C. F., III, a.r.s. (*S.* 1956) M. G. H.

Mackie, R. W., sr.r.s. *N.S.* 1954
U.S. Naval Hosp., Bethesda, Md.

MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.

MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada

McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline

McKITTRICK, L. S., cons. v.s. (*W.S.* 1919) 1180 Beacon, Brookline

MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave.,
Pasadena, Calif.

McLAUGHLIN, C. H., a.s. *Oph.*
834 Broadway, Everett
McLaughlin, W. B., *Or.* 1931
1524 Termon Ave., Pittsburgh, Pa.
McLEAN, J. D., a. podiatrist *Or.*
16 Curtis, Somerville;
31 Church, Winchester
MacMahon, C. E., *E.S.* 1938
900 Boylston Ave., Seattle, Wash.
MACMILLAN, A. S., r. (*E. & E.*)
483 Beacon;
319 Longwood Ave.
MACMILLAN, A. S., Jr., a.r. (*E. & E.*); r.p. *R.* 1953
319 Longwood Ave.
MacMillan, Hugh Alexander, a.r.p. *Path.* 1950
Albany Hosp., Albany, N. Y.
MacMillan, Hugh Allen, Jr., a.r.s. 1947
1801 High,
Denver, Colo.
McMillan, R. M., a.r.p. 1941
Southern Pines, N. C.
McNEELY, W. F., a. *M.*
226 Marlborough
McNeil, D., *Or.* 1930
1339 44th, Sacramento, Calif.
McNEILL, J. M., a. *R.* M. G. H.
McNie, A. B., a.r.p. *Path.* 1957
Dept. of Legal Med., H. M. S.
Macomber, D., *S.S.* 1911
Tide River Farm, Brunswick, Maine
McPeak, C. N., r.p. *R.* 1929
18 Hartwell, Fitchburg
McPherson, R. S., a.r.s. *Or.* 1949
85 Jefferson, Hartford, Conn.
Madey, S. L., *C.M.* 1944
Box 283, Great Neck,
Long Island, N. Y.
MAGRAW, C. E., a. attend. psychiat. (*McL.*) McLean Hosp., Waverley
Mahoney, S. A., Jr., *E.S.* 1926
630 Dwight, Holyoke
Maier, J., *E.M.* 1940
Rockefeller Foundation,
New York, N. Y.
Maisel, B. I., r.p. *Path.* 1943
103 E. 75th, New York, N. Y.
Makel, H. P., c.r.p. *An.* 1949
Fitzsimons Gen. Hosp.,
Denver, Colo.
MALCOLM, J. A., a.r.s. (*S.* 1953)
M. G. H.
MALOOF, F., a. *M.;* a.r.p. 1952
M. G. H.
Maloy, J. K., *E.S.* 1947
60 Decker Ave., Staten Island, N. Y.
MALT, R. A., a.r.s. (*S.* 1956)
M. G. H.
Mancall, E. L., a.r.p. *Path.* 1957
M. G. H.
MANCALL, I. T., a. *Oph.*
750 Main, Hartford, Conn.
MANGIARACINE, ANITA B., b. *Oph.* and *Otolar.* Mass. E. & E. Inf.
Manly, I. V., *E.S.* 1947; a.r.s. 1952
2021 Clark Ave., Cameron Village,
Raleigh, N. C.
MANN, W., a. psychiat. M. G. H.
MANNICK, J. A., a.r.s. (*S.* 1954)
M. G. H.
Marble, A., r.p. *W.M.* 1930
15 Joslin Rd.
MARBLE, H. C., hon. s. (*W.S.* 1912)
270 Commonwealth Ave.
MARK, V. H., a. *N.S.*; sr. r.s. *N.S.* 1954 M. G. H.
MARKS, G. A., clin. assoc. *S.* (*E.S.* 1931); r.s. *E.S.* 1933
15 Dix, Winchester
Maroney, J. W., r.p. *C.M.* 1932
501 Delaware Ave.,
Wilmington, Del.
Marshall, C. S., r.p. *N.* 1927
90½ Gottingen,
Halifax, Nova Scotia, Canada
Marshall, Clare K., r.p. *N.* 1954
M. G. H.
Martin, C. L., h.p. *R.* 1920
3501 Gaston Ave., Dallas, Tex.
MARTIN, D. B., r.p. (*M.* 1955)
M. G. H.
Martin, James A., *W.S.* 1946; r.p. *R.* 1951
3501 Gaston Ave., Dallas, Tex.
Martin, James W., *Or.* 1923
107 S. 17th, Omaha, Nebr.
MARTIN, L. E., comptroller M. G. H.
MARTIN, S. F., a.s. *Oph.*
165 Bay State Rd.
Mason, E. D., *M.* 1946
174 Denslow Ave.,
W. Los Angeles, Calif.
Mason, W., *E.M.* 1920; h.p. *E.M.* 1921
151 Rock, Fall River
Massie, W. K., Jr., *Path.* 1938
341 N. Broadway, Lexington, Ky.
Matchett, F. L., *Or.* 1934
1727 Gilpin, Denver, Colo.
Mathews, S. S., *Or.* 1928
9730 Wilshire Blvd.,
Los Angeles, Calif.
Mathieu, T. J., r.s. *U.* 1954
36 Perry, Central Falls, R. I.
Mathis, W. H., Jr., r.p. *R.* 1948
Kennestone Hosp., Marietta, Ga.
MATTOS, E. R., a.dir. M. G. H.

MATZ, M. H., a. *D.*
51 Brattle, Cambridge

Maughs, S. B., a.r.p. *Psychiat.* 1938
Psychiatric Unit,
Forty-five Hundred West Pine
Clinics, 4500 W. Pine Blvd.,
St. Louis, Mo.

MAY, G. E., a.obst.
112 Woodlawn Ave., Wellesley Hills

May, H. L., *S.* 1954; a.r.s. 1956
Box 4, Hôpital Albert Schweitzer,
St. Marc, Haiti

MAYER, R. F., a.r.p. *Path.*; a.r.p. *N.* 1957 M. G. H.

MAYNARD, E. P., III, a. *M.* M. G. H.

Maynard, G. B., Jr., *W.S.* 1943
60 8th, New Bedford

Mayo, F. B., *E.M.* 1943; a.r.p. 1944
144 Beach Bluff Ave., Swampscott

MAYO, R. A., a. *Or.*; sr. r.s. *Or.* 1956
264 Beacon

MAZUZAN, J. E., Jr., a.r.p. *An.*
M. G. H.

Mead, S., *E.M.* 1940 and *Path.* 1941; a.r.p. *N.* 1942
California Rehabilitation Center,
Vallejo, Calif.

Meader, C. N., *E.M.* 1912
519 Majestic Bldg.,
Denver, Colo.

MEALEY, J., Jr., a.r.s. *N.S.*
M. G. H.

MEANS, J. H., hon. p. (*E.M.* 1913)
60 Mount Vernon

Means, P. H., *E.M.* 1924
1 Waterhouse, Cambridge

Meath, J. A., r.p. *N.* 1947
Henry Phipps Clinic,
Johns Hopkins Hosp.,
Baltimore, Md.

Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.

MEIGS, JOE V., cons. v.s. (*E.S.* 1921)
226 Marlborough

Meister, L., *C.M.* 1937
Vet. Adm. Hosp.,
Long Beach, Calif.

MEKKELSEN, CHRISTINE, exec. a. (*R.N.*) M. G. H.

Mellinger, G. W., *M.* 1947
384 Post, San Francisco, Calif.

MELTZER, P. E., s. *Otolar.*
285 Commonwealth Ave.

Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp.,
Kingston, Ontario, Canada

Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.

Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.

MERRILL, O. E., e. *R.* M. G. H.

Metcalf, K. M., r.p. *C.M.* 1925
169 E. 78th, New York, N. Y.

Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.

Michel, A. J. D., a.r.p. *An.* 1950
Hôpital St. Joseph,
Lyon, France

MICHELSEN, J. J., clin. assoc. *N.S.*; a.r.s. *N.S.* 1938 M. G. H.

Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.

Michie, Catherine R., *Path.* 1943; r.p. *Path.* 1944 New York Univ.,
New York, N. Y.

Middlebrook, G., *M.* 1945
Rockefeller Inst., New York, N. Y.

Milam, D. F., Jr., *S.* 1949; a.r.s. 1952
916 Cobb Bldg., Seattle, Wash.

MILLARD, D. G., a.r.p. *R.* M. G. H.

MILLER, A. E., a.r.s. (*S.* 1957)
M. G. H.

MILLER, C. C., clin. assoc. *S.* (*W.S.* 1938)
304 Humphrey, Swampscott

MILLER, D., assoc. s. *Otolar.*
403 Commonwealth Ave.

Miller, E. C., *E.M.* 1926
27 Elm, Worcester

Miller, James G., *E.M.* 1943; r.p. *Psychiat.* 1944
Mental Health Res. Inst., Univ. of
Michigan, Ann Arbor, Mich.

Miller, Jule P., Jr., a.r.p. *Psychiat.* 1955 Mass. Mental Health Center

Miller, M. L., *E.M.* 1932
416 N. Bedford Dr.,
Beverly Hills, Calif.

Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.

Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.

Millet, J. B., *W.S.* 1943; a.r.s. 1948
216 Mayro Bldg., Utica, N. Y.

MILLS, J. A., r.p. M. G. H.

Mills, L., Jr., *M.* 1944
720 Lucerne Blvd.,
Los Angeles, Calif.

MINER, L. M. S., hon. s.
363 Marlborough

MINER, R. L., a.dn.s.
363 Marlborough

Ming, Si Chun, r.p. *Path.* 1956
Beth Israel Hosp.

Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.

Mitchel, D. H., *M.* 1943; a.r.p. 1947
915 S. Colorado Blvd., Denver, Colo.
MITTEL, N. S., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
Mixter, C. G., *W.S.* 1907
319 Longwood Ave.
MIXTER, C. G., Jr., a. *S.* (*W.S.* 1940); r.s. 1947
319 Longwood Ave.
Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.
Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.
MONACO, A. P., a.r.s. (*S.* 1957)
M. G. H.
Monroe, J. T., Jr., *M.* 1956
Gravely Sanitarium,
Chapel Hill, N. C.
Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.
MONTGOMERY, W. W., a. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Moore, B. E., r.p. *Psychiat.* 1942
152 E. 73rd, New York, N. Y.
MOORE, F. D., *Bd. of Cons.* (*W.S.* 1940); r.s. 1943
Peter Bent Brigham Hosp.
Moore, G. A., *W.S.* 1911
167 Newbury, Brockton
Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.
Moore, R. F., *M.* 1954
Mass. Mental Health Center
Moore, S., h.p. *R.* 1917
Barnes Hosp., St. Louis, Mo.
Moorman, H. D., *W.S.* 1943; a.r.s. 1949
431 30th, Oakland, Calif.
Mora, F., *M.* 1951; a.r.s. 1953; r.s. *N.S.* 1957
M. G. H.
Moran, J. E., *N.* 1928
31 Federal, Greenfield
Moran, T. W., a.r.p. *Path.* 1950
Mass. Memorial Hosp.
Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East,
Salt Lake City, Utah
Morgan, William L., Jr., *M.* 1953; r.p. 1957
M. G. H.
MORGAN, WINFIELD S., a. path.; r.p. *Path.* 1951
M. G. H.
Morris, H. D., *Or.* 1937
3439 Prytania, New Orleans, La.
Morris, J. McL., *E.S.* 1942; a.r.s. 1947
Yale Univ. Sch. of Med.,
New Haven, Conn.
Morrison, G. M., *Or.* 1941
77 San Mateo Dr., San Mateo, Calif.
Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939
370 Marlborough
Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.
MORRISSEY, A. M., a. *Oph.*
185 High, Medford
Morrissey, E. J., *Or.* 1935; r.s. *Or.* 1936
230 N. 5th, Reading, Pa.
Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912
Brooks Hosp., Brookline
Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp.,
Rochester, N. Y.
MOSER, H. W., a.r.p. *N.* M. G. H.
MOSHER, H. A., a.s. *Oph.*
266 Beacon
Moss, A. J., *M.* M. G. H.
Mote, J. R., *W.M.* 1937
Chemical Specialties Co., Inc.,
22 E. 40th, New York, N. Y.
Moyer, D. LaR., a.r.p. *Path.* 1955
Univ. of California Sch. of Med.
at Los Angeles, Los Angeles, Calif.
Mudd, S. Harvey, *M.* 1954
National Inst. of Mental Health,
National Inst. of Health,
Bethesda, Md.
Mudd, Seeley G., *W.M.* 1926
523 W. 6th, Los Angeles, Calif.
MUELLER, E. H. J., r.p. *Psychiat.* (*McL.*); r.p. *Psychiat.* 1958
McLean Hosp., Waverley
MUELLER, G. C. E., a.r.s. (*S.* 1958)
M. G. H.
MUELLER, H. PETER, clin. assoc. *R.* M. G. H.
Mueller, Harry L., *C.M.* 1935
31 Church, Winchester
MUELLER, W., dir. *Otolar. Path.*
Mass. E. & E. Inf.
Mulford, E. H., II, a.r.s. *N.S.* 1947
1 Atlantic, Stamford, Conn.
Müller, A. F., a.r.p. 1953
Hôpital Cantonal,
Univ. of Geneva,
Geneva, Switzerland
Munro, Jeannette, *C.M.* 1929
Princeton Hosp., Princeton, N. J.
Munro, N. D., *E.S.* 1942; r.s. 1944
740 W. Michigan Ave.,
Jackson, Mich.
Murphy, G. B., Jr., *S.* 1952; a.r.s. 1957
Gundersen Clinic, La Crosse, Wis.
MURPHY, H. J., a. dir. M. G. H.
MURPHY, W. F., attend. psychiat. (*McL.*)
11 Marlborough

Murray, D. B., a.r.p. *Path.* 1956
New Eng. Deaconess Hosp.
MURRAY, J. E., clin. assoc. *S.*
330 Dartmouth
Musgrave, Rhoda U., r.p. *Psychiat.* (*McL.*) 1937 address unknown
Mushatt, C., r.p. *Psychiat.* 1946
270 Commonwealth Ave.
Myers, E. E., *Or.* 1933
271 W. Short, Lexington, Ky.
MYERS, G. S., assoc. p. (*W.M.* 1942); c.r.p. 1943 M. G. H.
NADAS, A. S., assoc. p. *C.M.*
Children's Med. Center
NARDI, G. L., a.s. (*E.S.* 1945); r.s. 1951 M. G. H.
NATHAN, L., clin. assoc. *Or.* (*Or.* 1930) 475 Commonwealth Ave.
NELLHAUS, G., c.r.p. *C.M.* (*C.M.* 1957) M. G. H.
Nelson, C., *E.S.* 1939 490 Post, San Francisco, Calif.
Nelson, R. M., a.r.s. 1954
Univ. of Utah Sch. of Med., Salt Lake City, Utah
Nelson, W. M., *E.M.* 1920
1305 4th Ave., Seattle, Wash.
NEMIAH, J. C., assoc. psychiat.; a.r.p. *Psychiat.* 1949 M. G. H.
Neptune, E. McC., *E.S.* 1928
109 W. Onondaga, Syracuse, N. Y.
Nesche, G. E., r.p. *W.M.* 1929
2938 McClure, Oakland, Calif.
NEUMANN, E. T., admin. M. G. H.
NEVILLE, C. W., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley
Newell, James W., *W.S.* 1943; j.r.s. 1944 29 Glen Alpine Rd., Piedmont, Calif.
NEWELL, JOHN L., assoc. obst. (*E.S.* 1932) 1101 Beacon, Brookline
Newhall, H. F., *E.S.* 1906
51 Nahant, Lynn
Newman, E. V., *C.M.* 1941
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
NEWMAN, H. A., a.r.p. *C.M.* M. G. H.
Newstedt, J. R., r.s. 1950
108 William Howard Taft Rd., Cincinnati, Ohio
Nicholson, J. T., r.s. *Or.* 1933
1740 Bainbridge, Philadelphia, Pa.
Nicosia, A. P., a.r.p. *C.M.* 1949
348 Park Ave., Munsey Park, Manhasset, Long Island, N. Y.
Nielsen, T. W., *S.* 1949; a.r.s. 1953
60 S. 4th, East, Salt Lake City, Utah
Nilges, R. G., r.s. *N.S.* 1951
2717 Wabash Ave., Gary, Ind.
Noble, C. A., Jr., *E.M.* 1931
384 Post, San Francisco, Calif.
NOBLES, E. R., Jr., a.r.s. (*S.* 1955) M. G. H.
Norbury, F. B., *M.* 1949
1631 Mound Ave., Jacksonville, Fla.
Norcross, J. W., *E.M.* 1937
605 Commonwealth Ave.
Normann, N., a.r.p. *An.* 1951
Eastern Pennsylvania Psychiatric Inst., Philadelphia, Pa.
NORTON, P. L., v.s. *Or.* (*Or.* 1933); r.s. *Or.* 1934
1101 Beacon, Brookline
NOSS, G. M., a.dn.s.
31 Bay State Rd.
NYILAS, E., a. physicist *M.* M. G. H.
O'Brien, F. W., Jr., a.r.p. *R.* 1951
465 Beacon
O'BRIEN, RICHARD G., a. *R.*
1265 Beacon, Brookline; 465 Beacon
O'Brien, Robert M., *Or.* 1941
950 Francis Pl., St. Louis, Mo.
O'BRIEN, W. M., a.r.p. (*M.* 1957) M. G. H.
O'Connor, D. S., *Or.* 1925
Yale Univ. Sch. of Med., New Haven, Conn.
O'Connor, H., a.r.s. *Or.* 1953
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
Odland, G. F., *M.* 1947; r.p. *D.* 1954
1523 Medical and Dental Bldg., Seattle, Wash.
OFFENBACH, BERTHA, a. *Oph.*
270 Commonwealth Ave.
Ogden, R. T., *C.M.* 1925
85 Jefferson, Hartford, Conn.
OJEMANN, R. G., a.r.s. *N.S.* M. G. H.
OKAMURA, I. D., a. *Oph.*
Mass. E. & E. Inf.
O'KEEFE, E. S., hon. p.
31 Broad, Lynn
O'Keeffe, A. F., a.r.s. 1951
410 South, Needham
OLIN, H. S., a.r.p. *Psychiat.* M. G. H.
OLIN, M. J., a. dn. s.
29 Commonwealth Ave.
O'Malley, A. F., a.r.s. *U.* 1957
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
Omer, J. A., *Or.* 1912
4 E. Congress, Tucson, Ariz.

Organick, A. B., *M.* 1952; a.r.p. 1953
Navajo Med. Center Sanitarium,
Fort Defiance, Ariz.

Ormandy, L., *Or.* 1943
1532 16th, N.W., Washington,
D. C.

Orski, Barbara M., *C.M.* 1955; a.r.p.
C.M. 1956
Kaiser Foundation Hosp.,
Oakland, Calif.

Osborne, R. K., *M.* 1957
Mallory Inst. of Path.,
Boston City Hosp.

Osgood, Herman A., h.p. *R.* 1919
144 Commonwealth Ave.

Osgood, Howard, *E.M.* 1917
187 Linwood Ave., Buffalo, N. Y.

O'SHEA, J. A., clin. assoc. *C.M.*;
a.r.p. *C.M.* 1950 11 William,
Andover

Osius, E. A., *W.M.* 1923
901 David Whitney Bldg.,
Detroit, Mich.

O'Sullivan, Renée B., *C.M.* 1957
Children's Med. Center

Ottenheimer, E. J., *E.S.* 1924
29 North, Willimantic, Conn.

Owen, W. R., *M.* 1950; r.p. 1952
1007 Hermann Professional Bldg.,
Houston, Tex.

Owyang, Pauline, *C.M.* 1943
4797 Telegraph Ave.,
Oakland, Calif.

PACKARD, F. H., supt. emeritus
(*McL.*) 98 Washington, Marblehead

Packard, G. B., *E.S.* 1916; h.s. *E.S.*
1917 227 16th, Denver, Colo.

PACKERT, R. C., r.p. *R.* M. G. H.

PAGE, L. B., a. *M.* (*M.* 1950); r.p.
1956 M. G. H.

PALMER, R. S., *Bd. of Cons.* (*W.M.*
1927) 330 Dartmouth

Papadopoulos, D. A., r.s. *U.* 1956
4 Dragoumi, Thessalonica, Greece

Park, J. H., *C.M.* 1918
3720 Fannin, Houston, Tex.

Parker, G. D., *Dn.* 1939
5528 E. 33rd Ave., Denver, Colo.

Parker, Jack S., *W.S.* 1946
3 Seaward Rd., Wellesley Hills

Parker, James M., *E.S.* 1937
31 Deering, Portland, Maine

Parkhurst, A. E., *W.M.* 1919
1 Monument Sq., Beverly

PARKHURST, E. C., r.s. *U.* M. G. H.

Parmenter, D. C., *E.M.* 1918
Dyer County Health Dept.,
Dyersburg, Tenn.

Parnall, E., *Or.* 1932
702 E. Central Ave.,
Albuquerque, N. M.

Parson, W., c.r.p. 1942
Sch. of Med., Univ. of Virginia,
Charlottesville, Va.

PARSONS, ANNE, a. soc. anthropol.
(*McL.*) McLean Hosp., Waverley

PARSONS, L., *Bd. of Cons.* (*W.S.*
1929) 203 Commonwealth Ave.

Patterson, H. E., a.r.p. *C.M.* 1952
1111 W. Yakima Ave.,
Yakima, Wash.

Patterson, Robert L., Jr., *Or.* 1935
148 E. 65th, New York, N. Y.

Patterson, Russel H., *E.S.* 1919; h.s.
U. 1920
63 E. 91st, New York, N. Y.

Paul, J. R., Jr., *C.M.* 1943
4002 Hammersley Ave.,
Madison, Wis.

Paul, O., *W.M.* 1943
122 S. Michigan Ave.,
Chicago, Ill.

PAVLO, I. L., a. *Oph.* 520 Beacon

Peabody, C. W., *E.S.* 1917 and *Or.*
1920 474 Fisher Bldg.,
Detroit, Mich.

Peabody, H. D., Jr., *M.* 1945
3147 Front, San Diego, Calif.

Pearse, R. L., *E.S.* 1934
604 W. Chapel Hill,
Durham, N. C.

Pearson, C. M., a.r.p. *Path.* 1948
605 Commonwealth Ave.

Pearson, O. H., *W.M.* 1941; a.r.p.
1942 Memorial Hosp.,
New York, N. Y.

Pechet, M. M., a.r.p. 1952 M. G. H.

PEDERSON, D. P., a. an.; c.r.p. *An.*
1957 M. G. H.

PEEBLES, R. R., a. psychol. M. G. H.

PEEBLES, T. C., a.p. *C.M.* (*C.M.*
1952); c.r.p. *C.M.* 1955
100 Summer, Weston

Peete, W. P. J., *S.* 1948; r.s. 1953
Duke Univ. Med. Center,
Durham, N. C.

Peiffer, Geraldine M., a.r.p. *An.* 1957
St. Margaret Hosp.,
Hammond, Ind.

PENDLETON, M. E., a.p. *C.M.*
1101 Beacon, Brookline

Perkins, A., *E.S.* 1925
1900 Lincoln Ave., Ogden, Utah

Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.

Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919 2490 Channing Way, Berkeley, Calif.

Perley, A. I., r.p. *D.* 1948 2030 11th Ave., South, Birmingham, Ala.

PERLO, V. P., assoc. n. M. G. H.

Perrin, G. M., *C.M.* 1953; a.r.p. *C.M.* 1954 Boston City Hosp.

Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947 Zurich, Switzerland

PERRY, JALNA A., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley

Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930 Duke Univ. Med. Center, Durham, N. C.

Peters, J. H., *W.M.* 1943 U.S. Vet. Adm. Hosp., Atlanta, Ga.

Petersen, J. A., r.p. *R.* 1956 81 College Ave., Somerville

Peterson, E. W., *M.* 1944; a.r.p. 1947 Arneill Clinic, Denver, Colo.

Peterson, Harold O., a.r.p. *R.* 1936 350 St. Peter, St. Paul, Minn.

Peterson, Hugo O., *E.M.* 1912 36 Pleasant, Worcester

Petranek, J. R., *M.* 1954; a.r.p. 1955 Pondville Hosp., Walpole

PFEFFER, W., Jr., a.p. *C.M.* 356 Walnut, Wellesley

Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923 3038 St. Paul, Baltimore, Md.

Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949 319 Longwood Ave.

Phippen, W. G., *S.S.* 1906 31 Chestnut, Salem

Picard, E. H., a.r.p. *N.* 1957 251 Cherry, Fall River

PICK, W., clin. assoc. *C.M.*; r.p. *C.M.* 1947 42 Fox, Fitchburg

Pickard, N. S., *Or.* 1940 Plaza Med. Bldg., Kansas City, Mo.

PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942 262 Beacon

Pier, G., *W.S.* 1943 111 E. 94th, New York, N. Y.

Pierce, F. D., r.p. *W.M.* 1931 Fort Lauderdale, Fla

PIERCE, IRENE R., c. psychol. (*McL.*) McLean Hosp., Waverley

Pike, M. M., *Or.* 1929 85 Jefferson, Hartford, Conn.

Pillsbury, P. L., *W.M.* 1942 3512 Clay, San Francisco, Calif.

Pinckney, M. M., *W.M.* 1932 311 Med. Arts Bldg., Richmond, Va.

PIPPITT, R. B., a.s. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941 328 Washington, Wellesley Hills

Pitkin, H. C., *Or.* 1926 909 Hyde, San Francisco, Calif.

PITTMAN, HELEN S., assoc. p. 264 Beacon

Pittman, J. A., Jr., *M.* 1953; a.r.p. 1954 Univ. of Alabama Med. Center, Birmingham, Ala.

Pitts, J. D., *S.* 1950; a.r.s. 1956 314 Angell, Providence, R. I.

Placak, J. C., Jr., *W.S.* 1936 10515 Carnegie Ave., Cleveland, Ohio

PLOTKIN, L. H., clin. assoc. *C.M.* (*C.M.* 1955); a.r.p. *C.M.* 1956 38 Chestnut, Springfield

Pohl, J. F., *Or.* 1934 78 S. 9th, Minneapolis, Minn.

POINT, W. W., a.p. M. G. H.

POLANSKY, S. C., a.dn.s. 60 Washington, Salem

POLLARD, J. T., Jr., a.r.p. *R.* M. G. H.

POLLEN, A., a.s. *Oph.* 636 Beacon

PONTOPPIDAN, H., a.r.p. *An.* M. G. H.

POPE, A., n.p. (*McL.*) McLean Hosp., Waverley

PORTER, H., a.n.; r.p. *N.* 1946 M. G. H.

PORTER, P. J., a.r.p. *C.M.* (*C.M.* 1957) M. G. H.

POSTEL, S., a. *M.* M. G. H.

POTSAID, M. S., a. *R.*; r.p. *R.* 1957 M. G. H.

POTTS, J. T., a.r.p. (*M.* 1958) M. G. H.

POULES, RUTH E., exec. a. *B.M.* (*R.N.*) M. G. H.

POULIN, F. K., a.dn.s. (*Dn.* 1942) 196 Marlborough

Powell, S. M., Jr., a.r.p. *C.M.* 1947 301 Palmero, Corpus Christi, Tex.

Prather, G. C., *E.S.* 1925 1180 Beacon, Brookline

Pratt, T. C., *E.S.* 1929 1101 Beacon, Brookline

PREKUP, J. T., a. dir. (*McL.*) McLean Hosp., Waverley

PRICE, S. E., Jr., a.r.s. (*S.* 1955) M. G. H.

Prindle, K. H., *N.* 1926 and *W.S.* 1928 23 Baldwin Ave., San Mateo, Calif.

Probst, J.-H., a.r.p. *C.M.* 1957 M. G. H.

PRYLES, C. V., a.p. *C.M.*
Boston City Hosp.
Putnam, C. R. L., *S.S.* 1895
333 E. 68th, New York, N. Y.
Putnam, H. M., *E.M.* 1937
743 High, Dedham
Putnam, J. J., *C.M.* 1920
28 School, Foxboro
Putnam, T. J., *E.S.* 1923
450 N. Bedford Dr.,
Beverly Hills, Calif.
Quan, S. H. Q., *Path.* 1947
Memorial Hosp., New York, N. Y.
QUARTON, G. C., assoc. psychiat.; r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1950
M. G. H.
QUINBY, J. T., a.p. (*E.M.* 1941)
M. G. H.
QUINBY, W. C., Jr., a.s.; r.s. 1950
M. G. H.
Quinn, T. J., Jr., r.p. *An.* 1950
505 2nd Ave., San Bruno, Calif.
Rabinowitz, M., a.r.p. 1955
M. G. H.
Rabkin, M. T., *M.* 1956; a.r.p. 1957
4926 Battery Lane, Bethesda, Md.
RACKEMANN, F. M., hon. p. (*E.M.* 1914) 266 Beacon
Radcliffe, E. J., *Or.* 1925
67 Butterfield Ter., Amherst
Radebaugh, J. F., Jr., *C.M.* 1954; a.r.p. *C.M.* 1955
81 Parkview Ave., Bangor, Maine
RAE, R. G., dn.s.
145 W. Elm, Brockton
Ragland, S., Jr., *M.* 1951; a.r.p. 1952
3540 Floyd Ave., Richmond, Va.
RAK, I. P., a. *Psychiat.* 422 Beacon
RAKER, J. W., a.s. (*E.S.* 1942); r.s. 1949 M. G. H.
Ramcharan, Savitri, *C.M.* 1954
Trinidad, British West Indies
Randall, Raymond V., *M.* 1946
Mayo Clinic, Rochester, Minn.
Randall, Russell E., Jr., a.r.p. 1956
320 James, Teaneck, N. J.
RANDOLPH, J. G., a.r.s. M. G. H.
RAPOPORT, R. N., assoc. soc. anthropol. (*McL.*) McLean Hosp., Waverley
RAPPAPORT, M. B., res. assoc. *Otol.* (*E. & E.*) Mass. E. & E. Inf.
Rappleye, W. C., *W.M.* 1919
630 W. 168th, New York, N. Y.
Rasmussen, H., *M.* 1953; a.r.p. 1955
University Coll. Hosp.,
London, England
Rasmussen, Jane S., *C.M.* 1954; a.r.p. *C.M.* 1955 University Coll. Hosp.,
London, England
Ratcliffe, J. W., *W.S.* 1946
111 St. Matthews Ave.,
San Mateo, Calif.
Rauh, A. E., *C.M.* 1936 Lyons, N. Y.
Ray, L. F., r.p. *D.* 1939
Medical Dental Bldg., Portland, Oreg.
Rebello, D. J. A., a.r.p. *D.* 1954
St. Joseph's Hosp., Lowell
RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) 234 Marlborough
Reed, C. R., Jr., *Or.* 1936
1833 Line Ave., Shreveport, La.
REED, G. F., a.s. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
REEVES, J. D., assoc. r.; r. (*McL.*); r.p. *R.* 1951 M. G. H.
Reeves, R. J., r.p. *R.* 1926
Duke Univ. Med. Center,
Durham, N. C.
REGAN, C. D. J., a. *Oph.*
520 Commonwealth Ave.
REGGIO, A. W., hon. s. (*W.S.* 1914)
School, Medfield
Register, J. F., *Or.* 1936
137 Bishop, Greensboro, N. C.
REID, D. E., *Bd. of Cons.*
221 Longwood Ave.
Reid, Elizabeth Aub, *M.* 1952
Mass. Mental Health Center
REIDY, J. A., a.s. *Or.* (*Or.* 1939)
1101 Beacon, Brookline
Reilly, W. A., *C.M.* 1928
Vet. Adm. Hosp., San Francisco, Calif.
REITH, H. C., clin. assoc. *Dn.*
370 Commonwealth Ave.
REMENSNYDER, J. P., Jr., a.r.s. (*S.* 1958) M. G. H.
Revercomb, P. H., a.r.p. 1933
1031 Quarrier, Charleston, W. Va.
REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945 330 Dartmouth
Reynolds, G. S., r.s. *Thd. S.* 1924
100 North, Pittsfield
Rhinelander, F. W., *E.S.* 1937 and *Or.* 1938
Cuyahoga County Hosp.
(formerly Cleveland City Hosp.),
Cleveland, Ohio
RHODES, F. I., dn.s.
1352 Beacon, Brookline
Rhodes, J. S., r.s. *U.* 1935
700 W. Morgan, Raleigh, N. C.
RICE, J. O., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley

Richards, D. N., *E.S.* 1912
400 29th, Oakland, Calif.

Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948
166 Tunnell Rd., Berkeley, Calif.

RICHARDS, R. S., a. *R.;* r.p. *R.* 1958
M. G. H.

RICHARDSON, EDWARD P., Jr., a.n. and n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.

RICHARDSON, G. S., a. *S.* (*W.S.* 1947); r.s. 1954 M. G. H.

RICHARDSON, J. R., s. *Otolar.*
403 Commonwealth Ave.

Richardson, W. R., *W.S.* 1945; a.r.s. 1950 2754 Bush Blvd.,
Birmingham, Ala.

Richie, R. H., Jr., a.r.p. *C.M.* 1957
M. G. H.

Riddell, R. V., *E.S.* 1943 and *Path.* 1947 902 Edmond, St. Joseph, Mo.

Riege, D. H., *C.M.* 1947
1711-15 Roosevelt Ave.,
San Antonio, Tex.

RIEMER, K., a.s. *Oph.*
403 Commonwealth Ave.

Riley, A., *S.S.* 1909
59 Bay State Rd.

Risley, E. H., *E.S.* 1908
27 College Ave., Waterville, Maine

Risley, T. S., *E.S.* 1942; r.s. 1947
1 Monument Sq., Beverly

Ritchie, A. C., a.r.p. *Path.* 1954
St. Mary's Hosp., Montreal, Canada

ROBBINS, L. L., c. *R.;* r.p. *R.* 1941
M. G. H.

Robert, Francoise J., a.r.p. *Path.* 1956
address unknown

Roberts, C. D., a.r.p. 1938
109 E. Palisade Ave.,
Englewood, N. J.

Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947
203 Commonwealth Ave.

Robertson, O. H., *W.M.* 1914
Dept. of Biol., Stanford Univ.,
Stanford, Calif.

ROBEY, J. S., a. *C.M.* (*C.M.* 1953); a.r.p. *C.M.* 1956 51 Brattle,
Cambridge

Robillard, R. L., a.r.p. *N.* 1957
National Hosp., Queen Sq.,
London, England

Robins, E., a.r.p. *Psychiat.* 1945
Washington Univ. Sch. of Med.,
St. Louis, Mo.

Robinson, C. M., *W.S.* 1913
31 Deering, Portland, Maine

ROBINSON, D. R., a.r.s. (*M.* 1958)
M. G. H.

Robinson, J. M., r.p. *R.* 1936
2115 Van Ness Ave.,
San Francisco, Calif.

ROBINSON, M., a. *Otolar.*
206 Waterman, Providence, R. I.

ROBINSON, P. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley

ROCK, J., *Bd. of Cons.* (*W.S.* 1919)
77 Glen Rd., Brookline

Rockey, E. W., *E.S.* 1914
330 Med. Arts Bldg.,
Portland, Oreg.

ROCKWOOD, ETHEL M., hon. p.
416 Marlborough

Rodgers, R. S., r.s. *U.* 1947
547 Med. Arts Bldg.,
Minneapolis, Minn.

RODKEY, G. V., a.s. (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950
266 Beacon

Roe, B. B., *W.S.* 1943; r.s. 1950
384 Post, San Francisco, Calif.

Rogers, D. M., *C.M.* 1938
9 Pine, S. Hamilton

ROGERS, H., *Bd. of Cons.* (*E.S.* 1925)
580 Osgood, N. Andover

Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916
140 Ogden, New Haven, Conn.

ROGERS, WILLIAM A., *Bd. of Cons.* (*Or.* 1924) 266 Beacon

ROGERS, WILLIAM P., Jr., a.s.; a.s. *Otolar.* Taylor Med. Bldg., Weston

Rolett, E. L., *M.* 1956
Presbyterian Hosp.,
New York, N. Y.

ROOPENIAN, A., a.s. *Otolar.*
475 Commonwealth Ave.

Roots, L. H., *W.S.* 1933
Hua Chung College, Hsichow, China

ROPES, MARIAN W., assoc. p.; a.r.p. 1934 M. G. H.

Rosales, Remedios K., r.p. *N.P.* 1952; a.r.p. *Path.* 1954
Univ. of Santo Tomás, Manila, P. I.

Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934 Univ. of California
Med. Center,
Los Angeles, Calif.

ROSE, J. A., a.r.p. (*M.* 1957)
M. G. H.

ROSE, P. F., a.r.p. *C.M.* M. G. H.

Rosen, R. B., *C.M.* 1953; a.r.p. *C.M.* 1954 Children's Med. Center

ROSEN, V. J., Jr., a.r.p. *Path.*
M. G. H.

Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939
Cincinnati Gen. Hosp., Cincinnati, Ohio

ROSENBERG, E. WILLIAM, a.r.p. *D.* M. G. H.

Rosenberg, Earle H., *Dn.* M. G. H.

ROSENBLITH, W. A., res. assoc. *Otol.* (*E. & E.*) M.I.T., Cambridge

ROSENKRANTZ, J. G., a.r.s. (*S.* 1954) M. G. H.

Rosenman, L. D., *E.S.* 1943; a.r.s. 1949
2320 Sutter, San Francisco, Calif.

Rosenthal, A. L., a.r.p. *D.* 1956
c/o Dr. Charles R. Rein, 580 5th Ave., New York, N. Y.

ROSS, R. A., p. *C.M.*
51 Brattle, Cambridge

Rosser, C., *W.S.* 1918
1719 Pacific Ave., Dallas, Tex.

Roth, J. d'A., *M.* 1945
Regional Hosp., SHAAF, Salvia, Kan.

ROTH, S. I., a.r.p. *Path.* (*Path.* 1957) M. G. H.

ROTHBERG, H. D., Jr., r.p. (*M.* 1954) M. G. H.

ROTHFELD, L. J., a.r.p. *An.* M. G. H.

ROUILLARD, F., a. obst.
319 Longwood Ave.

ROUNDS, C. E., dn.s. (*Dn.* 1947)
403 Commonwealth Ave.

ROURKE, GRACE MARGARET, res. assoc. *M.* M. G. H.

ROVIT, R. L., r.s. *N.S.* M. G. H.

ROWE, C. R., a.s. *Or.* (*Or.* 1939)
264 Beacon

Rowe, J. C., *M.* 1952; *r.p.* 1957
490 Post, San Francisco, Calif.

Rowell, H. G., *W.S.* 1921
525 W. 120th, New York, N. Y.

RUBEN, M., a.s. *Otolar.*
311 Commonwealth Ave.

Rubinstein, J. H., *C.M.* 1954; a.r.p. *C.M.* 1955 Children's Hosp., Cincinnati, Ohio

RUDY, H. A., a. *U.* 60 Brattle, Cambridge

Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940
2015 R, N.W., Washington, D. C.

Rukes, J. M., *M.* 1950; a.r.p. 1952
Barnes Hosp., St. Louis, Mo.

Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942
Med. Arts Bldg., Oak Ridge, Tenn.

RUNGE, P. M., a. *Oph.*
140 Marlborough

Russell, H. N., Jr., *C.M.* 1939
Greeley Clinic, Greeley, Colo.

RUSSELL, P. S., a. *S.* (*S.* 1949); r.s. 1956 M. G. H.

RUSSFIELD, AGNES BURT, a. path. (*Path.* 1950); a.r.p. *Path.* 1951 M. G. H.

Rutherford, Robert N., *W.S.* 1938
707 Broadway, Seattle, Wash.

Rutherford, Rondall W., *C.M.* 1933
21 Institution Ave., Newton Centre

Rutledge, R. H., *S.* 1950; r.s. 1957
800 5th Ave., Fort Worth, Tex.

RUTSTEIN, D. D., assoc. p. H. M. S.

Rutter, T., *E.S.* 1946; a.r.s. 1949
Jackson Clinic, Madison, Wis.

Ryan, C. D., a.r.s. *W.S.* 1928
115 E. 61st, New York, N. Y.

Ryan, J. P., *Dn.* 1953 211 6th, Mechanicville, N. Y.

Ryan, K. J., *M.* 1953; a.r.p. 1954 M. G. H.

RYAN, MILDRED L., a.d.
57 W. Elm, Brockton

Sabin, H. S., r.s. *U.* 1941
1801 K, N.W., Washington, D. C.

SACHS, B. J., a. *Oph.* 636 Beacon

SACK, T., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley

Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp., Cooperstown, N. Y.

SAIDI, F., a.r.s. M. G. H.

St. AUBIN, P. M. G., a.r. (*M.* 1948); r.p. *R.* 1953 M. G. H.

St. GOAR, W. T., a. *M.* (*M.* 1950); r.p. 1952 262 Beacon

Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34, Bogotá, Colombia

SALZMAN, E. W., a.r.s. (*S.* 1954) M. G. H.

Sampson, D. A., a.r.p. *R.* 1937
203 Suburban Sq. Bldg., Ardmore, Pa.

Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.

SAMS, B. J., Jr., r.p. M. G. H.

Sanborn, F., *N.S.* 1939
S. Royalton, Vt

SANCHEZ, G. C., a. *M.* (*M.* 1950); a.r.p. 1951 330 Dartmouth

Sanders, M. B., *E.S.* 1920
American Hosp., Neuilly, Paris, France

Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave.,
Tacoma, Wash.
Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949 Yale Psychiat. Clinic,
New Haven, Conn.
SANDLER, A. I., r.p. (*M.* 1956)
M. G. H.
Sands, K. F., a.r.p. *C.M.* 1948
319 Longwood Ave.
Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.
Sarnoff, S. J., a.r.s. 1947
Harvard Sch. of Public Health
SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn
Sasahara, A. A., a.r.p. 1957
Vet. Adm. Hosp., W. Roxbury
Saslow, G., r.p. *Psychiat.* 1943
Univ. of Oregon Med. Sch.,
Portland, Oreg.
Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg.,
Washington, D. C.
Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington
Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.
SCANNELL, J. G., assoc. v.s. (*E.S.* 1941); r.s. 1946 M. G. H.
SCEERY, R. T., a.p. *C.M.* (*C.M.* 1951); c.r.p. *C.M.* 1953
109 N. Main, Cohasset
Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave.,
Newark, N. J.
SCHALL, L. A., c. *Otolar.*
Mass. E. & E. Inf.
SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline
SCHATZKI, S. C., acting r.p. *R.*
M. G. H.
Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y.
SCHEPENS, C. L., a.s. *Oph.*
327 Charles
Schiebler, G. L., *C.M.* 1955; a.r.p. 1956 36 Grandview Ter.,
Hamburg, Pa.
SCHMID, K., assoc. biochem. *M.*
M. G. H.
SCHMIDT, R. A., a.r.p. *An.* M. G. H.
SCHMITT, F. O., *Trustee*
M. I. T., Cambridge
Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.
Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, T. H.
Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.
Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave.,
Milwaukee, Wis.
SCHNEIDERMAN, R. N., r.p. *D.*
M. G. H.
Schoen, E. J., a.r.p. *C.M.* 1954
Kaiser Foundation Hosp.,
Oakland, Calif.
Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd.,
Los Angeles, Calif.
SCHOLL, MARY L., assoc. p. *C.M.*
M. G. H.
Schueler, H. K., r.s. *U.* 1957 M. G. H.
Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave.,
Los Angeles, Calif.
SCHULZ, M. D., r. M. G. H.
Schuster, S. R., a.r.s. 1952
Children's Med. Center
SCHWAB, R. S., n.; r.p. *N.* 1935
M. G. H.
Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med.,
Milwaukee, Wis.
Schwyzer, Marguerite, a.r.p. 1946
2069 Ford Parkway,
St. Paul, Minn.
SCOTT, ALFRED W., a. *Oph.*
5 Bay State Rd.
Scott, Arthur C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.
SCOTT, D. H., a.s. *Oph.*
1 Monument Sq., Beverly
SCOTT, J. F., assoc. biophysicist *M.*
M. G. H.
Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W.,
Canton, Ohio
Scott, T., r.p. 1939
200 W. 2nd, Lexington, Ky.
SCULLY, R. E., assoc. path. M. G. H.
Seabury, R. B., *W.S.* 1918
315 Whitney Ave.,
New Haven, Conn.
SEALE, E. S., a.s. *Oph.*
126 Bay State Rd.
Sears, J. B., *W.S.* 1929
416 Marlborough
Seed, J. C., *M.* 1946
Sterling Winthrop Research Inst.,
Rensselaer, N. Y.
SEELEY, C. B., a.r.p. *R.* M. G. H.
Seelye, W. C., *W.S.* 1900
390 Main, Worcester
Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.

SELVERSTONE, B., clin. assoc. *N.S.*; r.s. *N.S.* 1947
New Eng. Center Hosp.
Semrad, E. V., r.p. *Psychiat.* (*McL.*) 1938 196 Trapelo Rd., Belmont
Senior, B., *C.M.* 1950; a.r.p. *C.M.* 1951
904 Med. Centre, Jeppe, Johannesburg, South Africa
SEWALL, W. F., a. obst.
466 Commonwealth Ave.
Shaffer, F. G., *S.* 1952; r.s. *U.* 1955; a.r.s. 1956 221 Fairmont Ave., Fairmont, W. Va.
Shaffer, H. A., a.r.p. *R.* 1932
Monongalia Gen. Hosp., Morgantown, W. Va.
SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.
Shannon, E. W., r.s. *N.S.* 1944
1314 Hanna Bldg., Cleveland, Ohio
Shannon, James G., *Or.* 1931
37 Ontario, South, St. Catharines, Ontario, Canada
SHANNON, JAMES M., clin. assoc. *S.* (*S.* 1948); a.r.s. 1954
31 Chestnut, Salem
Shannon, P. W., *Or.* 1934
1927 1st Ave., North, Birmingham, Ala.
Sharpe, J. D., sr.r.p. *Psychiat.* (*McL.*) 1951 Brattleboro, Vt.
SHATTUCK, G. C., cons. *T. Dis.* (*E.M.* 1906) H. M. S.
Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.
Shaw, H. A., *W.S.* 1891
121 E. 31st, New York, N. Y.
Shaw, J. L., r.s. *P.H.* 1935 and *U.* 1937 899 Madison Ave., Memphis, Tenn.
SHAW, R. S., a.s. and a. dir. of *Blood Bank* (*W.S.* 1946); r.s. 1952 M. G. H.
Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline
SHEA, MARJORIE L., cons. for Community Relations M. G. H.
SHEALY, C. N., a.r.s. *N.S.* M. G. H.
Shedden, W. M., *E.S.* 1920; h.s. *U.* 1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.
SHELDON, C. P., assoc. obst. (*E.S.* 1931) 319 Longwood Ave.
Sheldon, D. B., *S.* 1951; a.r.s. 1955
10911 Weyburn Ave., Los Angeles, Calif.
SHELDON, R. F., *Bd. of Cons.* (*E.S.* 1912) 31 Pinckney
SHERMAN, GRACE H., exec. a. *B.M.* (*S.N.* 1934) M. G. H.
SHERMAN, L., assoc. psychol. (*McL.*)
581 Pleasant, Brockton
Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.
Ship, I. I., *Dn.* 1957 120 Center Dr., Bethesda, Md.
Shipley, Margaret S., *E.M.* 1943
310 Kenoza Ave., Haverhill
Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.
Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton
SHLOSSBERG, F. R., a.s. *Otolar.*
116 Emerson, Haverhill
Shorey, W. D., *E.S.* 1946; a.r.s. 1950
59 E. Madison, Chicago, Ill.
SHORT, C. L., p. (*W.M.* 1930); c.r.p. 1933 264 Beacon
Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham
Shurtleff, D. B., *C.M.* 1956; a.r.p. *C.M.* 1957
Children's Orthopedic Hosp., Seattle, Wash.
Sidman, R. L., a.r.p. *N.* 1956
Lab. of Neuroanatomical Sciences, National Inst. of Health, Bethesda, Md.
SIFNEOS, P. E., assoc. psychiat.; r.p. *Psychiat.* (*McL.*) 1950; r.p. *Psychiat.* 1952 M. G. H.
Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.
SILVERMAN, S., attend. psychiat. (*McL.*) McLean Hosp., Waverley
SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cuyahoga County Hosp. (formerly Cleveland City Hosp.), Cleveland, Ohio
SIMMONS, F. A., assoc. v.s. (*W.S.* 1935) M. G. H.
SIMON, H., a.r.p. *R.* M. G. H.
Simon, R. L., *Or.* 1932
620 W. 4th, Williamsport, Pa.
Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.
Singh, M. M., *M.* 1952; r.p. 1956
Gaya, Bihar, India
SINGLE, MARGARET A., a.r.p. *C.M.* M. G. H.
SINGLETON, J. W., a.r.p. (*M.* 1958) M. G. H.
Siperstein, M. D., a.r.p. 1955
Univ. of Texas Med. Sch., Dallas, Tex.

SISCOE, D. L., *Bd. of Cons.* (*E.M.* 1921) 1101 Beacon, Brookline
SISSON, W. R., *Bd. of Cons.* (*C.M.* 1912) 203 Commonwealth Ave.
Skinner, A. L., Jr., *C.M.* 1953 Children's Orthopedic Hosp., Seattle, Wash.
Skinner, J. C., r.p. *Psychiat.* 1948 Orchard Ave., Weston
Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934 University Hosp., Augusta, Ga.
SLEEPER, E. L., clin. assoc. *Dn.* 25 Bay State Rd.
SLEEPER, RUTH, dir. *S.N.* and *Nurs. Serv.* (*S.N.* 1922) M. G. H.
SLEMONS, MARION L., a.p. *C.M.* 400 Commercial, Braintree
SLOANE, A. E., assoc. s. *Oph.* 416 Marlborough
Sloane, R. B., r.p. *Psychiat.* 1953 24 Shawville Gardens, Ilford, Essex, England
Smillie, J. W., *E.S.* 1944; j.r.s. 1945 Dept. of Oph., University Hosp., Ann Arbor, Mich.
SMITH, CLEMENT A., cons. *C.M.* 221 Longwood Ave.
Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921 490 Post, San Francisco, Calif.
Smith, E. Gerard, r.p. *R.* 1934 339 N. Duke, Lancaster, Pa.
Smith, Edward T., *Or.* 1937 6410 Fannin, Houston, Tex.
SMITH, G. G., hon. s. (*W.S.* 1909) 136 Myrtle
Smith, Hervey L., *W.M.* 1907 235 Queens Lane, Palm Beach, Fla.
Smith, Howard W., *Dn.* 1946 64 Trumbull, New Haven, Conn.
SMITH, J. A., *Bd. of Cons.* 1180 Beacon, Brookline
SMITH, L. H., Jr., a. *M.* (*M.* 1949); c.r.p. 1956 M. G. H.
Smith, M. L., a.r.p. *An.* 1951 544 W. 2nd, Lexington, Ky.
SMITH, N. T., a.r.p. *An.* M. G. H.
SMITH, P. H., a. *An.* M. G. H.
Smith, Richard H., a.r.p. *Psychiat.* 1958 M. G. H.
Smith, Richard M., *W.M.* 1909 330 Dartmouth
Smith, Robert P., *M.* 1943 195 S. Union, Burlington. Vt.
SMITH, T. R., a.s. *Oph.* and *Oph.* path. Mass. E. & E. Inf.
Smith, W. Pierce, r.p. 1956 Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon, Brookline
SMITH, WILLIAM H., hon. p. (*W.M.* 1897) 8 Marlborough
SMITH-PETERSEN, M., a. *Or.*; sr. r.s. *Or.* 1952 266 Beacon
SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928 203 Commonwealth Ave.
Sneddon, E. A., r.p. *An.* 1954 Mass. Memorial Hosp.
SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940 Memorial Hosp., Worcester
SNOW, J. C., a. an. (*E.* & *E.*) Mass. E. & E. Inf.
Snyder, J. C., *W.M.* 1939 Harvard Sch. of Public Health, 695 Huntington Ave.
Snyder, Monica H., r.p. *An.* 1935 10879 Whipple, N. Hollywood, Calif.
Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd., Hollywood, Calif.
Sober, S., a.r.s. *Or.* 1953 481 Colbourne, London, Ontario, Canada
SOHIER, W. D., Jr., a. to gen. dir. *Res. and Ed.*; a. *M.* (*M.* 1947); r.p. 1951 M. G. H.
Soholt, S. T., sr.r.s. *Or.* 1951 139 Arch, Redwood City, Calif.
SOJKA, FLORENCE C., exec. a. (*S.N.* 1947) M. G. H.
SOLOMON, H. C., *Bd. of Cons.*; cons. psychiat. (*McL.*) Mass. Mental Health Center
Solomon, J., r.p. *N.* 1944 2331 W. 3rd, Los Angeles, Calif.
SOLOWAY, A. H., a. chem. *N.S.* M. G. H.
SONDERGAARD, INGRID, a. *Psychiat.* M. G. H.
SOSA, D., a.r.s. *N.S.* M. G. H.
Sosman, J. L., a.r.p. *R.* 1952 Children's Med. Center
SOSMAN, M. C., cons. *R.* M. G. H.
Soule, A. B., Jr., a.r.p. *R.* 1932 Mary Fletcher Hosp., Burlington, Vt.
SOUTTER, L., clin. assoc. *S.*; a.r.s. 1941 80 E. Concord

SOWLES, H. K., *Bd. of Cons.* (*W.S.* 1917); h.s. *W.S.* 1918
Cumberland Centre, Maine

Spalding, R., *E.M.* 1902
Longwood Towers, Brookline

SPANGLER, A. S., a. *D.;* r.p. *D.* 1945 330 Dartmouth

Spangler, P. E., *W.S.* 1925
2747 S. W. Roswell Ave.,
Portland, Oreg.

Spear, L. M., *E.M.* 1906
483 Beacon

SPEARE, G. S., *Bd. of Cons.* (*W.S.* 1927) 353 Commonwealth Ave.

SPECTOR, L. B., a. biochem. *M.*
M. G. H.

SPELLMAN, J. W., clin. assoc. *S.* (*Thd. S.* 1924 and *W.S.* 1926)
1101 Beacon, Brookline

Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak,
Dallas, Tex.

Spencer, Jack, r.p. *R.* 1934
10 Grayhurst Pk., Portland, Maine

Spencer, John R., *E.M.* 1943
2280 Clermont, Denver, Colo.

Spencer, R. E., a.r.p. *An.* 1951
Moses H. Cone Memorial Hosp.,
Greensboro, N. C.

Sphire, R. D., a.r.p. *An.* 1955
Grace Hosp., 4160 John R.,
Detroit, Mich.

Spiers, H. W., *Or.* 1920
4405 W. 9th,
N. Hollywood, Calif.

SPIRO, D., a. path. M. G. H.

Splithoff, C. A., *Or.* 1942
3406 Webster, Oakland, Calif.

Sporer, Edita Sternova, *An.* 1942
459 Park Ave., Paterson, N. J.

Sprague, Elizabeth H., *C.M.* 1953
New York Hosp., New York, N. Y.

SPRAGUE, H. B., *Bd. of Cons.* (*E.M.* 1924) 1180 Beacon, Brookline

Spreng, Katharine E., *M.* 1955; r.p. 1957 10210 Edgewater Dr.,
Cleveland, Ohio

Squire, Lucy F., a.r.p. *R.* 1944
Gen. Hosp. of Syracuse,
Syracuse, N. Y.

Stall, B. G., III, *M.* 1947; r.p. 1949
Med. Dept., Brookhaven National Lab., Associated Universities, Inc.,
Upton, Long Island, N. Y.

STALVEY, H. D., a. attend. psychiat. (*McL.*) 1419 Beacon, Brookline

STANBURY, J. B., assoc. p. (*W.M.* 1941); c.r.p. 1948 M. G. H.

STANTON, A. H., c. psychiat. (*McL.*); psychiat. McLean Hosp., Waverley

STANTON, J. C., dn.s.
38 Maple, Danvers

Staples, O. S., Jr., *Or.* 1938
Hitchcock Clinic, Hanover, N. H.

Starobin, O. E., *M.* 1955; a.r.p. 1956
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Starr, I., *W.M.* 1922
Sch. of Med., Univ. of Pennsylvania,
Philadelphia, Pa.

States, J. D., a.r.s. *Or.* 1955
35 Chestnut, Rochester, N. Y.

STAUFFER, RUTH E., a. *N.;* r.p. *N.* 1949 M. G. H.

Stearns, T., *E.S.* 1913 and *Or.* 1914
736 Haxtun Ave., Orange, N. J.

STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem

Steel, D., r.p. *R.* 1925
7911 Detroit Ave.,
Cleveland, Ohio

Steele, B. W., Jr., a.r.s. 1952
1307 S. Main, Tulsa, Okla.

Steenburg, D. B., *E.S.* 1915
1016½ 12th, Aurora, Nebr.

Steenburg, E. K., *E.S.* 1919
1016½ 12th, Aurora, Nebr.

Stenger, R. J., a.r.p. *Path.* 1958
M. G. H.

Stephens, W. A., *Or.* 1943
Pasteur Med. Bldg.,
St. Louis, Mo.

Stern, N. S., *E.M.* 1917
899 Madison Ave.,
Memphis, Tenn.

STERNSTEIN, H. J., assoc. s. *Otolar.*
54 Winter, Norwood;
416 Marlborough

Stetson, J. B., a.r.p. *An.* 1953
827 W. Locust, Johnson City, Tenn.

Stetson, R. P., *W.M.* 1928
203 Commonwealth Ave.

Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916
105 William, New Bedford

Stevens, Horace P., *W.S.* 1907
985 Memorial Dr., Cambridge

Stewart, James M., *M.* 1946
344 West Ave., Rochester, N. Y.

Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp.,
Buffalo, N. Y

Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.

Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, T. H.
Stewart, W. C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.
Stickney, R. C., *C.M.* 1920
68 Lathrop, Beverly
Stiefel, D. M., *Or.* 1923
1553 Woodward Ave.,
Detroit, Mich.
Stiff, D. W. S., r.p. *R.* 1950
Edward J. Meyer Memorial Hosp.,
Buffalo, N. Y.
STILES, Q. R., a.r.s. (*S.* 1956)
M. G. H.
Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine
Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave.,
Wilmington, Del.
STOECKLE, J. D., a.p. (*M.* 1949);
r.p. 1951 M. G. H.
Stokes, J., Jr., *W.M.* 1921
Children's Hosp., Philadelphia, Pa.
STOKES, J., III, a. *M.*; r.p. 1954
M. G. H.
Stolman, J. M., *Dn.* 1956
305 Summit Ave., Brighton
STONE, A. A., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Waverley
STONE, BARTLETT H., a. obst.
1101 Beacon, Brookline
Stone, Bernard B., r.s. *N.S.* 1955
65 Elm, Worcester
STONE, W., Jr., a.s. *Oph.*
1101 Beacon, Brookline
Stout, H. A., *Path.* 1938; r.p. *Path.*
1939
Mayo Clinic, Rochester, Minn.
Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave.,
N. Hollywood, Calif.
Stovner, J., a.r.p. *An.* 1953
Fethlitzgt 1, Oslo, Norway
Straehley, C. J., Jr., *W.S.* 1947; a.r.s.
1953 Med. Arts Bldg.,
Syracuse, N. Y.
Strauss, A. E., *E.M.* 1916
539 N. Grand Ave.,
St. Louis, Mo.
Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.
STRICKLER, W. L., a.r.s. M. G. H.
Strom, J. O., r.p. *N.P.* 1955
Univ. of Rochester Sch.
of Med. and Dn., Rochester, N. Y.
Stunkard, A. J., *M.* 1946
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Sturdevant, C. L., *Or.* 1939
234 Marlborough
STURGIS, G. P., a.p.
1101 Beacon, Brookline
Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.
SUBY, H. I., assoc. v.u.; r.s. *P.H.*
1937 and *U.* 1939 262 Beacon
Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
604 Loraine Bldg.,
Grand Rapids, Mich.
SULLIVAN, C. L., a. obst.
1180 Beacon, Brookline
Sullivan, E. R., *E.M.* 1936 and *Path.*
1937; r.p. 1941
139 Adams, Milton
SULLIVAN, G. L., assoc. s. *Oph.*
101 Bay State Rd.
SULLIVAN, J. J., a. *Oph.*
9 Central, Lowell
Summerall, C. P., III, *M.* 1956; a.r.p.
1957 46 Centre Ave., Belmont
Surls, J. K., *Or.* 1920 and *E.S.* 1922
130 East End Ave.,
New York, N. Y.
Sussman, M. L., r.p. *R.* 1930
1130 E. McDowell Rd.,
Phoenix, Ariz.
SUTHERLAND, D. W., a.r.p. (*M.*
1958) M. G. H.
Sutherland, G. F., r.p. *Psychiat.*
(*McL.*) 1941
Dept. of Mental Hygiene,
2218 N. Charles,
Baltimore, Md.
Sutphin, A. K., *W.M.* 1943; a.r.p.
1946 1805 Monument Ave.,
Richmond, Va.
Sutter, L. A., *D.* 1913
104 W. Douglas Ave.,
Wichita, Kan.
Suyama, E., *S.* 1951; a.r.s. 1955
Eastern Memorial Hosp.,
Ellsworth, Maine
SVENSON, ESTELLE C., exec. a.
B.M. (*S.N.* 1922) M. G. H.
Swaim, L. T., *W.S.* 1912
Rock Maple Farm, E. Pepperell
Swan, Channing S., *W.S.* 1925
20 Gloucester
Swan, Charles L., Jr., *W.S.* 1929
20 Gloucester
SWARTZ, J. H., *Bd. of Cons.*
483 Beacon
SWARTZ, MORRIS, a. *Otolar.*
124 Ocean, Lynn
SWARTZ, MORTON N., a.p. (*M.*
1948); c.r.p. 1953 M. G. H.

Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic, Detroit, Mich.
Sweet, C. D., *C.M.* 1913 2940 Summit, Oakland, Calif.
Sweet, E. B., a.r.s. *Or.* 1954 85 Jefferson, Hartford, Conn.
Sweet, P. L., *Dn.* 1949; a.r.s. *Dn.* 1950 45 Chambers
SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 87 Chestnut
Sweet, Robert B., a.r.p. *An.* 1950 Strong Memorial Hosp., Rochester, N. Y.
SWEET, W. H., v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.
Sweetnam, G. H., *Dn.* 1937 743 High, Dedham
Swineford, O., Jr., *W.M.* 1927 Univ. of Virginia Hosp., Charlottesville, Va.
SWINSON, MILDRED E., a. psychol. (*McL.*) McLean Hosp., Waverley
Sycamore, L. K., a.r.p. *R.* 1929 Hitchcock Clinic, Hanover, N. H.
Tabor, Celia White, *M.* 1945 3130 Wisconsin Ave., N. W., Washington, D. C.
TAFT, E. B., assoc. path. M. G. H.
TAFT, PRISCILLA D., a. *Path.* M. G. H.
Talalay, P., *S.* 1949; a.r.s. 1950 Univ. of Chicago, Chicago, Ill.
Talbert, O. R., r.p. *N.* 1953 Med. Coll. of South Carolina, Charleston, S. C.
TALBOT, F. B., hon. p. (*E.M.* 1907) 24 Cottage Farm Rd., Brookline
TALBOT, N. B., p. *C.M.* M. G. H.
Talin, J. J., *Or.* 1943 39 2nd, Troy, N. Y.
TALLAND, G. A., assoc. psychol. M. G. H.
TALLON, J. B., a.r.s. *Or.*; a.r.p. *R.* 1953 M. G. H.
Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939 1010 Prince Ave., Athens, Ga.
T'an, Chung-Chang, *Or.* 1943 Children's Hosp., New York, N. Y.
Tanner, J. B., sr.r.s. *Or.* 1954 300 Homer Ave., Palo Alto, Calif.
Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 Goodspeed Bldg., Ionia, Mich.
Tatlock, H., *W.M.* 1940 26 Center, Northampton
TAYLOR, G. W., *Bd. of Cons.* (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925 Taylor Med. Bldg., Weston
Taylor, I. M., *M.* 1946; c.r.p. 1951 Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
TAYLOR, JOHN B., a.dn.s. (*Dn.* 1957) 160 Longwood Ave.
Taylor, John H., *E.M.* 1917 37 Marlborough
Teel, C. E., *W.S.* 1925 1155 State, Bellingham, Wash.
TEFFT, R. C., Jr., *Bd. of Cons.* 266 Beacon
TENNEY, B., Jr., a. obst. (*W.S.* 1927) 203 Commonwealth Ave.
Tenney, Vivian A., a.r.s. *Gyn.* 1943 155 E. 49th, New York, N. Y.
Tetirick, J. E., *S.* 1952; a.r.s. 1956 131 S. Grant Ave., Columbus, Ohio
Thacher, H. C., *C.M.* 1942 11 Turner, Auburn, Maine
Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950 18 Kraft Ave., Bronxville, N. Y.
Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928 31 Deering, Portland, Maine
THEOPOLD, P. H., *Trustee* 294 Washington
Theus, W. W., *Dn.* 1952 1019 Pickens, Columbia, S. C.
THOMA, K. H., hon. s. 1146 Beacon, Brookline
Thomas, Anne G. T., a.r.p. *Path.* 1956 Welch Sch. of Med., Cardiff, Wales
Thomas, H. M., Jr., *W.M.* 1917 314 Overhill, Baltimore, Md.
THOMAS, JACKSON M., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1933 319 Longwood Ave.
Thomas, John B., *M.* 1953; a.r.p. 1954 Boston City Hosp.
Thomas, R. L., *N.S.* 1933 and *E.S.* 1936 400 29th, Oakland, Calif.
Thomas, W. A., a.r.p. *Path.* 1951 Barnes Hosp., St. Louis, Mo.
Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948 Mass. Memorial Hosp.
Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935 Walter Reed Army Hosp., Washington, D. C.
Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946 704 Congress, Portland, Maine
THOMPSON, RALPH D., clin. assoc. *Dn.* 64 Columbus, Newton Highlands

THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940
26 Chestnut, Salem
Thompson, S. B., a.r.s. *Or.* 1947
Kernan Hosp. for Crippled Children, Baltimore, Md.
Thompson, V. P., *Or.* 1925
1136 W. 6th, Los Angeles, Calif.
Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931
Pinewood, Katonah, N. Y.
Thompson, William T., a.r.p. 1941
1000 W. Grace, Richmond, Va.
THORNDIKE, A., cons. *S.* (*W.S.* 1923) 15 Holyoke, Cambridge
Thorndike, W. T. S., *W.S.* 1919
Germantown Hosp., Germantown, Pa.
THORNTON, C. E., a.r.p. *Psychiat.* M. G. H.
Thorp, E. G., *E.M.* 1931
Malden Hosp., Malden
THURLBECK, W. M., a.r.p. *Path.* M. G. H.
Tileston, W., *E.M.* 1900
Box CC, Carmel Valley, Calif.
TILLEY, R. F., a. d. 1180 Beacon, Brookline
TIMBERLAKE, W. H., assoc. n.; r.p. *N.* 1949 20 Gloucester
Timm, A. B., Jr., r.p. *D.* 1956
36 W. Main, Milford, Conn.
Tisdale, W. A., *M.* 1952; r.p. 1956
610 Whalley Ave., New Haven, Conn.
Tobin, W. J., *Or.* 1939
1835 Eye, N.W., Washington, D.C.
Todd, B. P., *W.M.* 1938
1 Monument Sq., Beverly
TODD, D. P., assoc. an.; r.p. *An.* 1947 M. G. H.
TOLL, G. D., a.r.p. *Path.* (*S.* 1952); a.r.s. 1957 M. G. H.
TOLL, KAREL vanS., a. *N.*
197 Coolidge Hill Rd., Cambridge
TOLMAN, M. M., d. 636 Beacon
Tomchik, F. S., r.p. *R.* 1955 M. G. H.
TOMPKINS, D. G., sr.r.s. *Or.* M. G. H.
Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937
Valleyhead, Concord
Toppan, R. L., *S.S.* 1910
148 High, Newburyport
Toriello J., r.p. *R.* 1955
4a Calle 6-35, Zone 1, Guatemala City, Guatemala
Tow, P. M., a.r.p. *Psychiat.* 1954
address unknown
Towery, B. T., r.p. 1946
Vanderbilt Univ., Nashville, Tenn.
TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923)
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Tracy, R. J., *E.S.* 1943; a.r.s. 1949
153 South, Pittsfield
Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937 99 Bay State Rd.
Traver, C. A., *W.S.* 1927
28 Willett, Albany, N. Y.
Traver, R. F., *E.S.* 1930
Vet. Adm. Hosp., Bath, N. Y.
Trethowan, W. H., a.r.p. *Psychiat.* 1951 Univ. of Sydney, Sydney, New South Wales, Australia
Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934 274 Commonwealth Ave.
TRIEGER, N., a.dn.s. (*Dn.* 1955); a.r.s. *Dn.* 1956
29 Commonwealth Ave.
Tripp, C. C., *W.S.* 1923
416 County, New Bedford
Troppoli, D. V., *N.* 1927
380 Broadway, Providence, R. I.
TROTTER, R. R., a. *Oph.* and a.c. *Oph.* Mass. E. & E. Inf.
Trowbridge, E. H., Jr., a.r.p. *N.* 1940
1440 Professional Bldg., Kansas City, Mo.
Troxler, E. R., *Or.* 1942
1000 N. Elm, Greensboro, N. C.
TRUMP, J. G., cons. *Physics*
M. I. T., Cambridge
Tucci, J. H., *An.* 1944; r.p. *An.* 1945
Brockton Hosp., Brockton
Tucker, J. T., *Or.* 1930
116 E. Franklin, Richmond, Va.
Tucker, R. P., *W.S.* 1939; a.r.s. 1940
21 Lamboll, Charleston, S. C.
Tucker, W. I., r.p. *Psychiat.* 1944
605 Commonwealth Ave.
TUDOR, F., clin. assoc. *M.*
51 Randolph Ave., Milton
TURNER, J. D., a.r.p. (*M.* 1957) M. G. H.
Tuttle, E. P., Jr., *M.* 1952; a.r.p. 1953
Emory Univ. Med. Sch., Atlanta, Ga.
Twombly, G. H., *W.S.* 1932
842 Park Ave., New York, N. Y.
Tyson, R. G., a.r.p. *C.M.* 1950
Permanente Hosp., Vallejo, Calif.
ULFELDER, H., c. *Gyn.* (*E.S.* 1939); r.s. *E.S.* 1941 M. G. H.
Ulick, S. C., *C.M.* 1952
Memorial Hosp., New York, N. Y.

Ulmer, J. L., r.s. *N.S.* 1942
McGuire Vet. Adm. Hosp., Richmond, Va.

Urist, M. R., sr. r.s. *Or.* 1947
1019 Grayley Ave., Westwood Village, Los Angeles, Calif.

Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930
Williams College, Williamstown

URSCHEL, H. C., a.r.s. (*S.* 1956)
M. G. H.

Uyeda, C. I., *C.M.* 1950; a.r.p. *C.M.* 1951
2425 Geary Blvd., San Francisco, Calif.

Vagelos, P. R., *M.* 1955; a.r.p. 1956
National Inst. of Health, Bethesda, Md.

VAN BUSKIRK, D., a.r.p. (*M.* 1958)
M. G. H.

Vance, L. A., *Path.* 1937; r.p. *R.* 1939
16 Atlantic, Lynn

Vance, R. G., r.p. *R.* 1924 262 Beacon

VANDERPOL, M., a. psychiat. (*McL.*)
14 Charlesgate West

Vanderveen, J. L., c.r.p. *An.* 1955
M. G. H.

VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943
16 Spafford Rd., Milton

Van Eerde, A., a.r.p. *An.* 1955
Paterson Gen. Hosp., Paterson, N. J.

VAN GORDER, G. W., hon. s.
262 Beacon

Van Nüys, F., *E.M.* 1907
338 Boston Post Rd., Weston

van Ravenswaay, A. C., *Path.* 1934
329 Main, Boonville, Mo.

van Ravenswaay, T., a.r.p. *Path.* 1957
M. G. H.

Van Stone, W. D., *W.S.* 1920
1578 Humboldt, Denver, Colo.

Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938
1835 Eye, N.W., Washington, D. C.

Vaughan, R. H., *E.S.* 1944
29 Needham, Dedham

Vaughan, V. C., III, *C.M.* 1943
789 Howard Ave., New Haven, Conn.

Veazey, P. M., *C.M.* 1956; a.r.p. *C.M.* 1957
Babies' and Children's Hosp., Univ. Hosp., Cleveland, Ohio

Veldee, M. V., *E.M.* 1920
Stanford Research Inst., Stanford, Calif.

VERHOEFF, F. H., cons. c. *Oph.*
403 Commonwealth Ave.

Vial, A. B., *E.S.* 1943
2328 Fernwood, Ann Arbor, Mich.

VICKERY, A. L., Jr., assoc. path.
M. G. H.

VICTOR, M., assoc. n. M. G. H.

VIETS, H. R., *Bd. of Cons.*
Longwood Towers, Brookline

Villee, Dorothy B., *C.M.* 1956
81 Cedar, Wellesley

VINCENT, B., hon. s. (*W.S.* 1903)
939 Boylston

Vitt, R. J., a.r.s. *Or.* 1951
793 N. Cherry Ave., Tulare, Calif.

Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio

Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med., Seattle, Wash.

von FELSINGER, J. M., psychol.
M. G. H.

von Meysenbug, L., *C.M.* 1917 and *W.M.* 1918
Box 3536, Daytona Beach, Fla.

Vose, R. H., *E.S.* 1897
34 Vose's Lane, Milton

WADDELL, W. R., assoc. v.s. (*W.S.* 1944); r.s. 1951 M. G. H.

WADDINGTON, E. J., a.dn.s.
6 Haverhill, Shawsheen Village, Andover

WAINO-ANDERSEN, T., assoc. an.
M. G. H.

WAKSMAN, B. H., assoc. b. *N.*
M. G. H.

Waldman, J., a.r.s. *Or.* 1949
1893 Sheridan Rd., Highland Pk., Ill.

Waldmann, T. A., *M.* 1956
National Inst. of Health, Bethesda, Md.

Waldron, A. M., *E.M.* 1938; a.r.p. 1939
309 N. Ingalls, Ann Arbor, Mich.

Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.

Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg

WALKER, J. K., a.dn.s. (*Dn.* 1954)
29 Commonwealth Ave.

Walker, R. H., a.r.p. *Path.* 1951; a.r.s. 1953
Med. Arts Bldg., Calgary, Alberta, Canada

Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield

Wallace, R. H., *W.S.* 1929; r.s. *E.S.* 1931
101 River Rd., Weston

Wallwork, D. W., *E.S.* 1932
5 3rd, N. Andover

Walser, M., *M.* 1949; a.r.p. 1950
Johns Hopkins Univ.
Sch. of Med., Baltimore, Md.
Walter, M. McN., Jr., a.r.p. *Psychiat.* 1955; r.p. *Psychiat.* (*McL.*) 1958
McLean Hosp., Waverley
Walton, R. W., *W.S.* 1926
101 Gates Ave., Montclair, N. J.
Wang, Chiu-an, *W.S.* 1944; a.r.s. 1946
207 China Bldg.,
Hong Kong, China
WANG, CHIU-CHEN, a.r.; r.p. *R.* 1952 M. G. H.
Wang, Shen Kuang, a.r.s. *Or.* 1957
Children's Med. Center
Wang, Yang, *M.* 1953; r.p. 1957
M. G. H.
Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.
Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.
Waring, E. S., *E.M.* 1919
Fairfax, Va.
WARNER, F. A., a. *M.*
John Hancock Mut. Life Ins. Co.
Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre
Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury
Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.
WARREN, R., *Bd. of Cons.* (*W.S.* 1936) Peter Bent Brigham Hosp.
Warren, S. L., *W.M.* 1924
Med. Sch. of Univ. of
California South, Los Angeles, Calif.
WASHBURN, S. L., a. psychiat. (*McL.*); a.r.p. *Psychiat.* 1956; r.p. *Psychiat.* (*McL.*) 1957
McLean Hosp., Waverley
Waterman, G. A., *W.M.* 1901
250 Beacon
WATKINS, A. L., c. *Phys. M.* and a.p.; a.r.p. *N.* 1938 M. G. H.
Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.
Watson, John L., r.s. *U.* 1930
4010 N.W. 7th Ave., Miami, Fla.
Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.
WATSON, RICHARD H., a. *C.M.* (*C.M.* 1952); a.r.p. *C.M.* 1953
36 Sherwood Rd., Marblehead
Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.
Watts, A. B., *E.S.* 1943
2530 Cornwall Ave.,
Bellingham, Wash.
Watts, J. W., II, *N.* 1928 and *N.S.* 1929 4661 Garfield, N. W.,
Washington, D. C.
WAUD, BARBARA E., a.r.p. *An.* M. G. H.
WEBER, A. L., a.r.p. *R.* M. G. H.
WEBSTER, E. W., physicist *R.* M. G. H.
Webster, F. P., *W.M.* 1902
10 Congress Sq., Portland, Maine
WEBSTER, H. de F., a. *N.*; r.p. *N.* 1956 M. G. H.
Webster, R. C., *E.S.* 1943; j.r.s. 1944
1101 Beacon, Brookline
Wedrow, E. M., r.p. *Psychiat.* 1953
205 Beacon
Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.
Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg.,
Wheeling, W. Va.
WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.
WEINBERG, A. N., a.r.p. (*M.* 1957) M. G. H.
WEINBERGER, J. L., assoc. psychiat.
51 Brattle, Cambridge
WEINERT, S. D., a.r.s. *U.* M. G. H.
WEINSTEIN, L., assoc.p. *C.M.*
Haynes Memorial Hosp., Brighton
Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd.,
Cleveland Heights, Ohio
WEISBERGER, D., c. *Dn.* and oral s.
180 Longwood Ave.
WEISER, A., a. *Otolar.*
390 Pine, Fall River
WEISMAN, A. D., assoc. psychiat.; r.p. *Psychiat.* 1945 464 Beacon
WEISS, ELIZABETH S., cons. for Community Relations M. G. H.
Weiss, L. L., a.r.p. *An.* 1956
811 W. 63rd, Indianapolis, Ind.
WELCH, C. E., v.s. (*E.S.* 1934); r.s. *E.S.* 1937 M. G. H.
WELD, G. S., *Secretary* and *Asst. Treasurer of the Corporation*
45 Milk
Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.
WELLS, L. D., clin. assoc. *Psychiat.*
270 Commonwealth Ave.; 17 Court
Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little
Neck, Long Island, N. Y.
WERMER, H., attend. psychiat. (*McL.*)
McLean Hosp., Waverley
Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.

WESSELHOEFT, C., cons. *M.*
315 Marlborough
WEST, F. J., a.s. *Oph.*
1101 Beacon, Brookline
West, W. W., *S.* 1948; a.r.s. 1954
Medico-Dental Bldg., Stockton, Calif.
WEYLMAN, W. T., a.r.p. *R.*
M. G. H.
Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester
WHEELER, C. GENE, a.r.s. (*S.* 1956)
M. G. H.
Wheeler, Charles A., *N.S.* 1935 and *W.S.* 1938 69 West, Leominster
WHEELER, E. O., a.p. M. G. H.
Wheeler, J. T., *M.* 1956
U.S. Naval Hosp., Chelsea
Wheeler, R. R., *W.M.* 1922
5 Bay State Rd.
Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd.,
Columbus, Ohio
WHEELOCK, F. C., Jr., a. s. (*E.S.* 1943); a.r.s. 1949
1180 Beacon, Brookline; M. G. H.
WHISKIN, F. E., a. attend. psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1952; r.p. *Psychiat.* 1954
270 Commonwealth Ave.
WHITE, C. J., hon. p.
259 Marlborough
WHITE, E. M., a. dir. M. G. H.
WHITE, J. C., c. *N.S.* (*W.S.* 1925); r.s. *W.S.* 1927 M. G. H.
White, Laurens P., *M.* 1950; a.r.p. 1951
32 6th Ave., San Francisco, Calif.
WHITE, LeMOYNE, assoc. psychiat. (*E.M.* 1942); r.p. *Psychiat.* 1947
82 Marlborough
WHITE, P. D., *Bd. of Cons.;* cons. cardiol. (*McL.*) (*C.M.* 1911 and *W.M.* 1913); h.p. *W.M.* 1920
264 Beacon
Whitelaw, G. P., *W.S.* 1937
Mass. Memorial Hosp.
WHITFIELD, T. J., III, a. *C.M.* (*C.M.* 1954); c.r.p. *C.M.* 1957
Concord Med. Center, Concord
Whitford, W., *Or.* 1931
22 Roosevelt Ave.,
Poughkeepsie, N. Y.
WHITING, R. G., a.p.
226 Marlborough
Whittemore, J. P., *C.M.* 1946; a.r.p. *C.M.* 1947
Bellevue Hosp., New York, N. Y.
Whittemore, W. S., *S.S.* 1910
3 Concord Ave., Cambridge
Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.
Wigglesworth, W. C., *E.S.* 1945
Bear Hill Rd., Harvard
Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.
Wilcox, R. E., *S.* 1949; a.r.s. 1955
Beckley Memorial Hosp.,
Beckley, W. Va.
WILKER, S. R., a. *Otolar.*
285 Commonwealth Ave.
WILKINS, E. W., Jr., a.s. (*W.S.* 1945); a.r.s. 1951 87 Chestnut
Willetts, A. T., a.r.s. *U.* 1942
129 Summit Ave., Summit, N. J.
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p. (*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s. *Or.* 1946; r.s. *U.* 1948
33 Mulberry, Springfield
WILLIAMS, G. M., a.r.s. (*S.* 1958) M. G. H.
Williams, O. B., Jr., a.r.p. *An.* 1955
Parkland Memorial Hosp.,
Dallas, Tex.
Williams, R. C., Jr., *M.* 1955; a.r.p. 1956
New York Hosp., New York, N. Y.
WILLIAMS, V. P., a. psychiat. (*E.S.* 1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
address unknown
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.
Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950 New York Hosp.,
New York, N. Y.
Wilson, John C., *Or.* 1917
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John L., *E.S.* 1940; r.s. 1948
Sch. of Med., American Univ.
of Beirut, Beirut, Lebanon
WILSON, P. D., hon. s. (*E.S.* 1914)
535 E. 70th, New York, N. Y.
Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946
535 E. 70th, New York, N. Y.
WILSON, R. F., clin. assoc. *C.M.*
113 Locust, Dover, N. H.
WIMBERGER, H. C., r.p. *Psychiat.* (*McL.*) McLean Hosp., Waverley

Winkler, J. J., a.r.p. *R.* 1928
Professional Bldg., Kansas City, Mo.
Winn, W. A., *E.M.* 1934
Springville Hosp., Springville, Calif.
Winsor, A. P., *W.M.* 1919 and *W.S.* 1921 1101 Beacon, Brookline
Wishard, W. N., Jr., *E.S.* 1927
1711 N. Capital Ave., Indianapolis, Ind.
WOHL, H., a.r.p. M. G. H.
WOLF, I., a. psychol. M. G. H.
Wolff, C. T., *M.* M. G. H.
Wolff, J., *M.* 1954
25 Bay Wood Ave., San Anselmo, Calif.
Wolff, L., *W.M.* 1924
270 Commonwealth Ave.
Woo, Shutai Tinwong, *W.M.* 1920
Peiping Union Med. College, Peiping, China
Wood, B. S., *E.S.* 1933
Nantucket
Wood, E. C., *M.* 1951
Vet. Adm. Hosp., W. Haven, Conn.
Wood, H. P., *M.* 1948
Pennsylvania Inst., 111 N. 49th, Philadelphia, Pa.
Wood, J. Edwin, Jr., *W.M.* 1923; r.p. *E.M.* 1923 Sch. of Med., Univ. of Virginia, Charlottesville, Va.
Wood, James A., *C.M.* 1915
214 Vineville Ave., Macon, Ga.
Wood, William E., *Dn.* 1940
1832 Connecticut Ave., N. W., Washington, D. C.
Woodbury, H. W., *Dn.* 1948
317 S. 3rd, Las Vegas, Nev.
WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947 M. G. H.
Worth, T. C., *W.M.* 1938
1835 Eye, N.W., Washington, D. C.
WYMAN, R. R., a.dn.s.
53 Bay State Rd.
WYMAN, S. M., r.; j.r.p. *R.* 1942 M. G. H.
Wyngaarden, J. B., *M.* 1949; r.p. 1951
Duke Univ. Med. Center, Durham, N. C.
Wynne, L. C., r.p. *Psychiat.* 1951
National Inst. of Mental Health, Bethesda, Md.
Wysham, D. N., *M.* 1954; a.r.p. 1957
New York Hosp., New York, N. Y.
Yaffee, H. S., a.r.p. *D.* 1953
1919 Northwood Apts., North Campus, Univ. of Michigan, Ann Arbor, Mich.
Yanagisawa, K., *Or.* 1944
50 E. 52nd, New York, N. Y.
Yankauer, A., *C.M.* 1941
c/o Prof. of Paediat., Madras Med. College, Madras, India
YATSUHASHI, M., clin. assoc. *S.* (*W.S.* 1945); a.r.s. 1946
Lemuel Shattuck Hosp., Jamaica Plain
Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946
1641 Nuuanu Ave., Honolulu, Hawaii
Yens, O. C., *C.M.* 1930 and *W.M.* 1932 Mass. Hosp. Sch., Canton
Youmans, J. B., *E.M.* 1921
Univ. of Illinois Coll. of Med., Chicago, Ill.
Young, C., *E.S.* 1923
1848 Wilson Ave., Salt Lake City, Utah
Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937
Box 70, Raleigh, N. C.
YOUNG, E. L., hon. s. (*W.S.* 1910)
1180 Beacon, Brookline
Young, J. G., *C.M.* 1926
4005 St. Andrews Dr., Dallas, Tex.
Young, R. A., r.p. *Psychiat.* (*McL.*) 1934
21 Washington Ave., Cambridge
YURCHAK, P. M., a.r.p. (*M.* 1958) M. G. H.
Zacarian, S. A., r.p. *D.* 1955
130 Maple, Springfield
ZACHARIAS, LEONA, biol. *Oph.*
Mass. E. & E. Inf.
ZACKS, S. I., a.r.p. *Path.* (*Path.* 1956) M. G. H.
ZAMBON, ENES, exec. a. (*S.N.* 1929) M. G. H.
Zamcheck, N., *Path.* 1943
Boston City Hosp.
ZAMECNIK, P. C. M., p. M. G. H.
Zaoussis, A. L., a.r.s. *Or.* 1954
Children's Med. Center
ZARSKY, E. L., a. attend. psychiat. (*McL.*) 422 Beacon
Zartman, H. F., *C.M.* 1954
Boston City Hosp.
ZAUDY, ELEONORE C., assoc. p. *C.M.* 1247 Beacon, Brookline
ZELLER, J. W., clin. assoc. *M.* (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline

ZETZEL, ELIZABETH R., psychiat. 14 Hubbard Pk., Cambridge
ZIEPER, I., a.r.p. *N.* M. G. H.
ZINBERG, N. E., assoc. attend. psychiat. (*McL.*) Beth Israel Hosp.
ZONDERMAN, B., assoc. s. *Otolar.* 314 Commonwealth Ave.
ZOVICKIAN, A., a.s. *Otolar.* 270 Commonwealth Ave.
Zuelzer, W. W., *C.M.* 1937 Children's Hosp., Detroit, Mich.
ZUIDEMA, G. D., a.r.s. (*S.* 1954) M. G. H.
Zukowski, H. J., a.r.p. *An.* 1948 Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Birmingham
Edwards, W. S.
Kennedy, B. H.
Lyons, C.
Perley, A. I.
Pittman, J. A., Jr.
Richardson, W. R.
Shannon, P. W.

Weaver
Breer, R. D.

ARIZONA

Fort Defiance
Organick, A. B.

Kingman
Findlay, F. M.

Phoenix
Bendheim, O. L.
Sussman, M. L.

Tucson
Omer, J. A.

Willcox
Havemeyer, W. F.

ARKANSAS

Little Rock
Diner, W. C.

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Kilgore, A. R.

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Bennett, C. B.
Cheney, M. C.
Perkins, W. A.
Richards, D. N., Jr.

Beverly Hills
Berkley, H. K.
Miller, M. L.
Putnam, T. J.

Carmel Valley
Tileston, W.

Glendale
Brownsberger, C. N.
Cannon, J. A.

Hollywood
Snyder, W. H., Jr.

Korbel
Kerr, W. J.

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Meister, L.

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Cozen, L.
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Ilfeld, F. W.
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Mathews, S. S.
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Mills, L., Jr.
Moyer, D. LaR.
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Solomon, J.
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Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.

North Hollywood
Snyder, M. H.
Spiers, H. W.
Stout, K. L.

Oakland
Dunn, F.-C.
Ewer, E. G.
Graeser, J. B.
Larkey, J.
Leeper, R. W.
Liu, C. T.
Moorman, H. D.
Nesche, G. E.
Orski, B. M.
Owyang, P.
Richards, D. N.
Schoen, E. J.
Splithoff, C. A.
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Thomas, R. L.
Watson, R. G.

Palo Alto
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Tanner, J. B.

Pasadena
Allen, D. W.
Cosby, R. S.
Dewey, E. B.
Gentry, R. W.
MacLaren, W. R.

Piedmont
Francis, L.
Newell, J. W.

Pomona
Wilcox, J. C.

Redlands
Dole, K. L.

Redwood City
Soholt, S. T.

Sacramento
Horn, C. E.
McNeil, D.

San Anselmo
Wolff, J.

San Bruno
Quinn, T. J., Jr.

San Diego
Foley, T. M.
Garrity, R. W.
James, W. J.
Peabody, H. D., Jr.

San Francisco
Abbott, L. C.
Alston, E. F.
Barnett, C. G.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Haswell, H. P.
Jergesen, F. H.
Levy, S. W.
Mellinger, G. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pillsbury, P. L.
Pitkin, H. C.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Rowe, J. C.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
Uyeda, C. I.
White, L. P.

San Jose
Ahnlund, N. W.
McCort, J. J.

San Mateo
Campbell, C. R.
Hills, O. W.
Key, W. A.
Morrison, G. M.
Prindle, K. H.
Ratcliffe, J. W.

Santa Barbara
Atsatt, R. F.
Luikart, R. H., Jr.
McGovney, R. B.

Santa Cruz
Fowler, C. B.

Springville
Winn, W. A.

Stanford
Robertson, O. H.
Veldee, M. V.

Stockton
Barth, T. A.
West, W. W.

Tulare
Vitt, R. J.

Vallejo
Mead, S.
Tyson, R. G.

West Los Angeles
Mason, E. D.

COLORADO

Denver
Brown, R. K.
Campbell, J. L.
Cunningham, T. D.
Eiseman, B.
Elrick, H. E.
Franz, E. M.
Higbee, D. R.
Hughes, H. C.
Jobe, M. C.
Leidholt, J. D.
Lingenfelter, G. P.

MacMillan, H. A., Jr.
Makel, H. P.
Matchett, F. L.
Meader, C. N.
Mitchel, D. H.
Packard, G. B.
Parker, G. D.
Peterson, E. W.
Spencer, J. R.
Van Stone, W. D.

Greeley
Russell, H. N., Jr.

CONNECTICUT

Bridgeport
Strayer, L. M., Jr.

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Jones, F. S.
Lampson, R. S.
Locke, H. L. F.
Lowell, W. H., Jr.
McPherson, S. R.
Mancall, I. T.
Ogden, R. T.
Pike, M. M.
Seigle, S. P.
Sweet, E. B.
Watson, J. W.

Manchester
Boyd, H.

Meriden
Aldwin, F. J.
Stewart, J. E.

Milford
Timm, A. B., Jr.

New Britain
Borden, R. P.
Bosco, H. F.

New Canaan
Hiden, R. B.

New Haven
Aprahamian, H. A.
Blodgett, F. M.
Chernoff, A. I.
Colwell, H. S.
Ewell, J. W.
Fuldner, R. V.
Glenn, W. W. L.
Harrison, E. R.
Hathaway, J. S.
Meigs, J. W.
Morris, J. McL.
O'Connor, D. S.
Rogers, O. F.
Sandifer, M. G., Jr.
Seabury, R. B.
Smith, H. W.
Tisdale, W. A.
Vaughan, V. C., III

Newington
Carey, J. M.

New London
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Norwalk
Gens, J. P.

Norwich
Kettle, R. H.

Sharon
Gevalt, F. C., Jr.

Stamford
Mulford, E. H., II

Trumbull
Flagg, J. A.

Waterbury
Cole, C. H.
Harty, J. E.

West Hartford
Egloff, F. R. L.
Johnson, P. R.

West Haven
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Wood, E. C.

Willimantic
Ottenheimer, E. J.

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Stoddard, J. K.

DIST. OF COLUMBIA

Washington
Brendler, S.
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Worth, T. C.

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Fort, F. L.

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Clement, S. P., Jr.

Winter Haven
Sherman, W. E.

GEORGIA

Athens
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Calhoun, F. P., Jr.
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Tuttle, E. P., Jr.

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Currie, R. A.
Slaughter, R. F.

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Banks, R., Jr.
Bartlett, W. M.

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Frost, H. B.

Macon
Wood, J. A.

Marietta
Mathis, W. H., Jr.

Savannah
Brown, F. B.

ILLINOIS

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Capps, J. A.
Capps, R. B.
Eyler, W. R.
Hall, B.
Meyer, H. I.
Paul, O.
Perkins, J. F., Jr.
Shorey, W. D.
Talalay, P.
Youmans, J. B.

Glencoe
Anderson, E. G.

Great Lakes
Legge, R. F.

Highland Park
Waldman, J.

Jacksonville
Norbury, F. B.

Lake Bluff
Ward, J. L.

Lemont
Brues, A. M.

Winnetka
Brown, R. G.

INDIANA

Evansville
Davidson, W. D.
Hyatt, G. T.

Gary
Nilges, R. G.

Hammond
Peiffer, G. M.

Indianapolis
Dalton, J. E.
Weiss, L. L.
Wishard, W. N., Jr.

IOWA

Des Moines
Gordon, A. M.

Iowa City
Croll, D.
Dulin, J. W.
Larson, C. B.
Oskaloosa
Catterson, L. F.
Waterloo
Bickley, D. W.
Johnston, E. V.

KANSAS

Marion
McCandless, O. C.
North Topeka
Kinney, R. J.
Salvia
Roth, J. d'A.
Wichita
Knapp, M. R.
Sutter, L. A.

KENTUCKY

Lexington
Barss, T. P.
Massie, W. K., Jr.
Myers, E. E.
Scott, T.
Smith, M. L.
Louisville
Atherton, L. D.
Bate, J. T.
Harter, J. S.
Jackson, B. B.
Owensboro
Dodson, L. C.
Waverly Hills
Brock, B. L.

LOUISIANA

Baton Rouge
Hansen, R. H.
New Orleans
DeBusk, F. L.
Golden, L. A.
Morris, H. D.
Schneider, B.
Shreveport
Ledbetter, B. A.
Reed, C. R., Jr.

MAINE

Auburn
Thacher, H. C.
Bangor
Clement, J. D., Jr.
Radebaugh, J. F., Jr.
Belfast
Holmes, G. W.
Brunswick
Macomber, D.
Caribou
Collins, H. D.
Cumberland Centre
Sowles, H. K.
Eastport
Johnson, F. G.
Ellsworth
Suyama, E.
Northeast Harbor
Fitch, R. R.
Owls Head
Adams, W. B.
Portland
Bidwell, R. LeR., II
Burrage, W. C.
Drake, E. H.
Hawkes, R. S.
Holt, C. L.
Johnson, O. R.
McDermott, L. J.
Parker, J. M.
Robinson, C. M.
Spencer, J.
Thaxter, L. T.
Thompson, P. P., Jr.
Webster, F. P.
Rockland
Fogg, N. A.
Heath, P., Jr.
Skowhegan
Stinchfield, A. J.
Waterville
Risley, E. H.
Yarmouth
Macdonald, H. E., Jr.

MARYLAND

Army Chemical Center
Kimura, K. K.
Baltimore
Bennett, L. F.
Bridge, E. M.
Fritz, W. F.
Gay, L. N.
Greenhill, M. H.
Harting, D.
Hopkins, C. E.
Howard, J. E.
Kiely, B.
McIntyre, P. A.
Meath, J. A.
Phelps, W. M.
Sutherland, G. F.
Thomas, H. M., Jr.
Thompson, S. B.
Walser, M.
Bethesda
Binion, J. T.
Brown, C. S.
David, J. R.
Federman, D. D.
Field, J. B.
Firminger, H. I.
Hunt, S. P.
Katz, A. M.
Kaufman, H. E.
Laster, L.
McAlpine, F. S.
Mackie, R. W.
Mudd, S. H.
Rabkin, M. T.
Ship, I. I.
Sidman, R. L.
Vagelos, P. R.
Waldmann, T. A.
Wynne, L. C.
Salisbury
Kitts, A. W.
Takoma Park
Blunden-Morris, D. E.
Towson
Wies, D.

MASSACHUSETTS

Amesbury
Warren, C. F.
Amherst
Radcliffe, E. J.
Andover
Holihan, J. P.
O'Shea, J. A.
Waddington, E. J.
Arlington
Benda, C. E.
Burbank, C. B.
Carroll, W. J. E.
Cronin, T. P.
Saunders, G. A.
Attleboro
Bixby, H. I.
Hill, L. W.
Barnstable
Garran, F. W., Jr.
Belmont
Coolidge, J. C.
Gardner, G. E.
Kaufman, M. R.
Kershaw, B. R.
Semrad, E. V.
Summerall, C. P., III
Beverly
Alt, R. E.
Bandeian, A. M.
Essember, L. J.
Parkhurst, A. E.
Risley, T. S.
Scott, D. H.
Stickney, R. C.
Todd, B. P.
Boston
Abbott, J. A.
Abramson, D.
Ackerman, I. P.
Adams, F. D.
Adams, H. D.
Adams, J., Jr.
Adams, R. D.
Albert, J.
Albright, F.
Allen, H. F.
Alpert, R.
Altschule, M. D.
Ames, A., III
Aronow, S.
Arrowood, J. G.
Arthur, R. J.
Atkins, L.
Aub, J. C.
Aufranc, O. E.
Austin, R. C.
Ayer, J. B.
Badger, T. L.
Baird, P. C., Jr.
Bakay, L.
Baker, D. V., Jr.
Baker, M. P.
Baker, W. H.
Balazs, E. A.
Balboni, G. M.
Balboni, V. G.
Balch, F. G.
Ballantine, H. T., Jr.
Bally, P. R.
Bandler, B.
Banker, B. Q.
Banks, H. H.
Barlow, J. S.
Barnes, B. A.
Barney, J. D.
Barr, J. S.
Barry, H., Jr.
Barry, R. J.
Bartlett, M. K.
Bauer, W.
Beaman, G. B.
Beck, W. S.
Beecher, H. K.
Beetham, W. P.
Behringer, G. E.

Bell, E.
Bellinger, M. J.
Bendixen, H. H.
Benedict, E. B.
Benedict, P. H.
Bennett, W.
Benson, J. A., Jr.
Berenberg, W.
Berg, R. L.
Bernstein, N. R.
Bigelow, F. S.
Binger, C. A. L.
Bird, K. T.
Bland, E. F.
Blane, H. T.
Blank, I. H.
Blom, G. E.
Bonner, F. J.
Boruchoff, S. A.
Bratt, H. A.
Braudo, J. L.
Brazier, M. A. B.
Brewster, W. R., Jr.
Brickley, W. J.
Brockhurst, R. J.
Brown, J. F.
Brown, M. R.
Brown, T.
Brownell, G. L.
Bucher, N. L. R.
Bunker, J. P.
Burbank, C. B.
Burke, J. F.
Burnett, F. L.
Burrage, W. S.
Burwell, C. S.
Bush, R. D.
Butler, A. M.
Byers, R. K.

Calkins, E.
Caner, G. C.
Cannon, B.
Caplan, G.
Carnes, H. A.
Carney, H. J.
Casten, V. G.
Castle, W. B.
Castleman, B.
Cavanaugh, T.
Cave, E. F.
Chafetz, M. E.
Chapman, E. M.
Chisholm, J. F., Jr.
Christman, G.
Churchill, E. D.
Chute, R.
Clark, D. A.
Clark, L. D.
Clarke, B. G.
Clay, C. L.
Clifford, M. H.
Cline, H. S.
Clough, J. M.
Cobb, S.
Cobbs, B. W., Jr.
Cochran, W.
Cochran, W. D.
Cogan, D. G.
Cohen, J.
Cohen, M. E.
Cohen, R. B.
Colby, F. H.
Cole, E. M.
Coles, M. R.
Cook, C. D.
Cope, O.
Cotter, W. C.
Covitz, E. E.
Crabtree, H. H.
Crawford, J. D.
Crone, N. L.
Cronkhite, L. W., Jr.
Crothers, B.
Culver, P. J.
Currens, J. H.
Curtin, R. R.
Cutler, G. D.

Daland, E. M.
Dalton, J. C.
Daniels, H. S.
d'Autremont, C. C.
Davidson, G. E.
Davies, J. A. V.
DeBlois, E.
Decker, B. L.
Degen, J. W.
DeGroot, L. J.
DeLorme, T. L.
d'Elseaux, F. C.
Dempsey, P. A.
Derow, H. A.
Detwiler, R. C.
DeWilde, H.
Diamond, L. K.
Dickersin, G. R.
Dickson, W. A.
Dienes, L.
Dodd, R. B.
Dodge, P. R.
Donahue, H. C.
Donaldson, D. D.
Donaldson, G. A.
Dreyfus, P. M.
Dreyfuss, J. R.
Drooker, J. C.
Dudley, H. R., Jr.
Duffy, R. J.
Dunphy, E. B.
DuToit, C. H.
Dwight, R. W.

Ehrenkranz, N. J.
Ellis, D. S.
Ellett, W. H.
Ellis, L. B.
Emerson, K.
Endee, C. H.
Engel, L. L.
England, A. C., Jr.
Evans, M. G.

Fang, H. C. H.
Farmer, D. A.
Fawcett, D. W.
Faxon, H. H.
Fay, J. H.
Ferris, B. G.
Field, R. A.
Fine, J.
Finesinger, A. L.
Finkenstaedt, J. T.
Fish, J. E.
Fisher, C. M.
FitzHugh, G.
Flanagan, N. B.
Floyd, C.
Forbes, A. P.
Foster, F. D.
Foster, G. S.
Frank, T.
Frazier, C. N.
Frazier, H. S.
Freedman, H. J.
Freinkel, R. K.
Fremont-Smith, M.
Freymann, J. G.
Fried, M. A.
Friedlich, A. L.
Friedman, L. J.
Fromer, J. L.
Frost, H. M.
Fuller, H. S.
Funsch, R. E.
Futterman, S.

Gamble, J. L.
Gans, H. J.
Ganz, R. N.
Gardella, J. W.
Garland, J.
Garrett, J. W. D.
Gellert, E.
Gephart, F. T.
Gergely, J.
Gill, B. F.
Ginandes, S. C.
Glicklich, E. A.
Glimcher, M. J.
Goethals, T. R.
Gohd, R. S.
Goldthwait, J. C.
Goldthwait, J. E.
Goodale, F., Jr.
Gordon, J. E.
Graham, J. R.
Grant, L. H.
Grant, W. M.
Gray, B. C.
Green, T. H., Jr.
Greene, R. G.
Greene, R. W.
Grice, D. S.
Griesemer, R. D.
Grillo, H. C.
Gross, J.
Grove-Rasmussen, M.
Guardo, J. L.
Gundersen, T.
Guralnick, W. C.

Hackett, T. P.
Haggart, G. E.
Haggerty, R. J.
Hall, T. C.
Hall, V. R.
Hallowell, P.
Hamlin, E., Jr.
Hanelin, J.
Hanflig, S. S.
Hardy, H. L.
Hare, A. P.
Harwood, R.
Hauser, G. P.
Haven, G. W.
Hawes, L. E.
Hayden, E. P.
Hayden, J. W.
Head, J. M.
Hebertson, W. M.
Helman, M. E.
Hendrick, I.
Henneman, P. H.
Hermann, H. T.
Hersey, F. C.
Hill, J. M.
Hill, L. W.
Hill, W. R., Jr.
Hirsch, O.
Hoagland, M. B.
Hodgson, J. S.
Hoeffel, G. N.
Holder, R.

Holmes, E. M.
Horwitz, W. H.
Howe, H. D.
Hugenberger, P. W.
Humphreys, S. P.
Huntington, B. L.
Hurley, P. D.
Hurwitz, J. J.
Hurxthal, L. M.

Ingersoll, F. M.
Irwin, J. W.
Isaacs, J. P.
Isselbacher, K. J.

Jackson, H., Jr.
Jacobson, B. M.
Jakus, M. A.
Jeanloz, R. W.
Johnson, C. C.
Jones, C. M.
Jones, H. W., Jr.
Jones, S. G.
Jones, W. N.
Joseph, A. T.
Joslin, E. P.
Justi, R. A.

Kane, L. W.
Katz, S. L.
Kazanjian, K. A.
Kazanjian, V. H.
Kelemen, G.
Keller, E. B.
Keller, J. W.
Kelley, R. M.
Kelley, S. B.
Kelley, V. J.
Kelly, J. F.
Kent, C.
Kern, H. L.
Kerr, W. S., Jr.
Keuper, C. S.
Kilfoyle, R. M.
King, W. B., Jr.
Kinoshita, J.
Kinsey, D.
Kite, O. W.
Klotz, R. E.
Knapp, P. H.
Knapp, R. G., Jr.
Kowalski, H. J.
Kozol, H. L.
Krane, S. M.
Kranes, A.
Kravitz, A. R.
Krayer, O.
Kubik, C. S.
Kubzansky, P. E.
Kuhns, J. G.
Kulka, J. P.
Kunz, L. J.
Kuwabara, T.

Lamont, J. H.
Lanman, T. H.
Lassiter, W. E.
Lawrence, G. W.
Leadbetter, W. F.
Leaf, A.
Lee, R. I.
Leiderman, P. H.
Leighton, H. T.
Leighton, J.
Lennox, W. G.
Lentine, J.
Lerman, J.
Leskowitz, S.
Levene, M. B.
Lever, W. F.
Levitan, J. J.
Lewis, D. K.
Liebman, S. D.
Liffmann, K. E.
Lincoln, R. C.
Lindemann, E.
Littlefield, J. W.
Littmann, D.
Lloyd, J. B.
Loftfield, R. B.
Lombroso, C. T.
Long, R. T.
Lorenz, M.
Lothrop, O. A.
Lovesey, B. E.
Lowell, J. D.
Lowis, S.
Ludwig, A. O.
Luessenhop, A. J.
Lund, C. C.
Luongo, M. A.
Lurie, M. H.
Lyon, A. B.

Mabrey, R. E.
McArthur, J. W.
MacAusland, A. R.
MacAusland, W. R., Jr.
McClelland, W. K.
McConnell, F.
McDermott, W. V., Jr.
McGinn, S.
McGovern, J. J. M.
Mack, J. E.
McKeigue, J. E.
Macmillan, A. S.
Macmillan, A. S., Jr.
McNeely, W. F.
McNeill, J. M.
McNie, A. B.
Maloof, F.
Mancall, E. L.
Mangiaracine, A. B.
Mann, W.
Marble, A.
Marble, H. C.
Mark, V. H.
Marshall, C. K.
Martin, S. F.
Mattos, E. R.
Maynard, E. P., III
Mayo, R. A.
Means, J. H.
Meigs, J. V.
Meltzer, P. E.
Merrill, O. E.
Michelsen, J. J.
Miller, D.
Miller, J. P., Jr.
Miner, L. M. S.
Miner, R. L.
Ming, S. C.
Mixter, C. G.
Mixter, C. G., Jr.
Mixter, G., Jr.
Montgomery, W. W.
Moore, F. D.
Moore, R. F.
Mora, F.
Moran, T. W.
Morgan, W. L., Jr.
Morgan, W. S.
Morrison, H. R.
Mosher, H. A.
Mueller, H. P.
Mueller, W.
Murphy, H. J.
Murphy, W. F.
Murray, D. B.
Murray, J. E.
Mushatt, C.
Myers, G. S.
Nadas, A. S.
Nardi, G. L.
Nathan, L.
Nemiah, J. C.
Neumann, E. T.
Norcross, J. W.
Noss, G. M.
Nyilas, E.

O'Brien, F. W., Jr.
O'Brien, R. G.
O'Connor, H.
Offenbach, B.
Okamura, I. D.
Olin, M. J.
O'Malley, A. F.
Osborne, R. K.
Osgood, H. A.
O'Sullivan, R. B.

Page, L. B.
Palmer, R. S.
Parsons, L.
Pavlo, I. L.
Pearson, C. M.
Pechet, M. M.
Pederson, D. P.
Peebles, R. R.
Perlo, V. P.
Perrin, G. M.
Phillips, E. B., II
Pier, A. S., Jr.
Pittman, H. S.
Point, W. W.
Pollen, A.
Porter, H.
Potsaid, M. S.
Poulin, F. K.
Probst, J.-H.
Pryles, C. V.
Quarton, G. C.
Quinby, J. T.
Quinby, W. C., Jr.
Rabinowitz, M.
Rackemann, F. M.
Rak, I. P.
Raker, J. W.
Rappaport, M. B.
Record, E. E.
Reed, G. F.
Reeves, J. D.
Regan, C. D.
Reid, D. E.
Reid, E. A.
Reith, H. C.
Reyersbach, G. C.
Richards, R. S.
Richardson, E. P., Jr.
Richardson, G. S.
Richardson, J. R.
Richie, R. H., Jr.
Riemer, K.
Riley, A.
Robbins, L. L.
Robertson, C. W.
Rockwood, E. M.
Rodkey, G. V.
Rogers, W. A.
Roopenian, A.
Ropes, M. W.
Rosen, R. B.
Rouillard, F.

Rounds, C. E.
Rourke, G. M.
Rowe, C. R.
Ruben, M.
Runge, P. M.
Russell, P. S.
Russfield, A. B.
Rutstein, D. D.
Ryan, K. J.

Sachs, B. J.
St. Aubin, P. M. G.
St. Goar, W. T.
Sanchez, G. C.
Sands, K. F.
Sarnoff, S. J.
Sasahara, A. A.
Scannell, J. G.
Schall, L. A.
Schepens, C. L.
Schmid, K.
Scholl, M. L.
Schueler, H. K.
Schulz, M. D.
Schuster, S. R.
Schwab, R. S.
Scott, A. W.
Scott, J. F.
Scully, R. E.
Seale, E. S.
Sears, J. B.
Selverstone, B.
Sewall, W. F.
Shangraw, K. A.
Shattuck, G. C.
Shaw, R. S.
Sheldon, C. P.
Sheldon, R. F.
Short, C. L.
Sifneos, P. E.
Simmons, F. A.
Sisson, W. R.
Sleeper, E. L.
Sloane, A. E.
Smith, C. A.
Smith, G. G.
Smith, L. H., Jr.
Smith, P. H.
Smith, R. H.
Smith, R. M.
Smith, T. R.
Smith, W. H.
Smith, W. P.
Smith-Petersen, M.
Smithwick, R. H.
Sneddon, E. A.
Snow, J. C.
Snyder, J. C.
Sohier, W. D., Jr.
Solomon, H. C.
Soloway, A. H.
Sondergaard, I.
Sosman, J. L.
Sosman, M. C.
Soutter, L.
Spangler, A. S.
Spear, L. M.
Speare, G. S.
Spector, L. B.
Spiro, D.
Stanbury, J. B.
Starobin, O. E.
Stauffer, R. E.
Stenger, R. J.
Sternstein, H. J.
Stetson, R. P.
Stoeckle, J. D.
Stokes, J., III
Stolman, J. M.
Sturdevant, C. L.
Sturgis, S. H.
Suby, H. I.
Sullivan, G. L.
Swan, C. L., Jr.
Swan, C. S.
Swartz, J. H.
Swartz, M. N.
Sweet, P. L.
Sweet, R. H.
Sweet, W. H.

Taft, E. B.
Taft, P. D.
Talbot, N. B.
Talland, G. A.
Taylor, J. B.
Taylor, J. H.
Tefft, R. C., Jr.
Tenney, B., Jr.
Thomas, J. B.
Thomas, J. M.
Thompson, J. E.
Timberlake, W. H.
Todd, D. P.
Tolman, M. M.
Tomchik, F. S.
Townsend, J. H.
Trapp, C. E.
Trevett, L. D.
Trieger, N.
Trotter, R. R.
Tucker, W. I.
Ulfelder, H.
Vance, R. G.
Vanderpol, M.
Vanderveen, J. L.
Van Gorder, G. W.
van Ravenswaay, T.
Verhoeff, F. H.
Vickery, A. L., Jr.
Victor, M.
Vincent, B.
von Felsinger, J. M.
Waddell, W. R.
Waino-Andersen, T.
Waksman, B. H.
Walker, J. K.
Wang, C.
Wang, S. K.
Wang, Y.
Warner, F. A.
Warren, R.
Waterman, G. A.
Watkins, A. L.
Webster, E. W.
Webster, H. de F.
Wedrow, E. M.
Weille, F. L.
Weinstein, L.
Weisberger, D.
Weisman, A. D.
Welch, C. E.
Wells, L. D.
Wesselhoeft, C.
Wheeler, E. O.
Wheeler, R. R.
Wheelock, F. C., Jr.
Whiskin, F. E.
White, C. J.
White, E. M.
White, J. C.
White, LeM.
White, P. D.
Whitelaw, G. P.
Whiting, R. G.
Wilker, S. R.
Wilkins, E. W., Jr.
Williams, C.
Williams, V. P.
Wills, A. A., Jr.
Wolf, I.
Wolff, L.
Woodruff, L. M.
Wyman, R. R.
Wyman, S. M.
Yatsuhashi, M.
Zacharias, L.
Zamcheck, N.
Zamecnik, P. C. M.
Zaoussis, A. L.
Zarsky, E. L.
Zartman, H. F.
Zinberg, N. E.
Zonderman, B.
Zovickian, A.

Braintree
Slemons, M. L.

Brockton
Chase, J. S.
Duncombe, A. L.
Foss, M. W.
Moore, G. A.
Rae, R. G.
Ryan, M. L.
Sherman, L.
Tucci, J. H.

Brookline
Bacon, W. B.
Balch, F. G., Jr.
Barker, R. H.
Barnum, F. G., Jr.
Boutwell, H. K.
Bowditch, H.
Braconier, H. E.
Brailey, A. G.
Broderick, T. F., Jr.
Bullington, S. J.
Burgin, L. B.
Cass, J. W., Jr.
Clifford, S. H.
Cohen, A.
Coley, M. S.
Duncan, C. J.
Dyer, E. C.
Easton, M. T.
Finck, A. J.
Fowler, D. M.
Franseen, C. C.
Frazee, J. R.
Garrey, W. E.
Gauld, A. G.
Gillespie, L.
Greeley, H. P.
Gregg, W. I.
Grogan, R. H.
Haley, W. D.
Hall, F. C.
Hindman, D. H.
Holland, D. J., Jr.
Homans, J., Jr.
Hormell, R. S.
Joplin, R. J.
Kirkwood, S. B.
Linenthal, A. J.
Linton, R. R.
McKittrick, J. B.
McKittrick, L. S.
Morse, G. W.
Newell, J. L.
Norton, P. L.

O'Brien, R. G.
Pendleton, M. E.
Prather, G. C.
Pratt, T. C.
Reidy, J. A.
Rhodes, F. I.
Rock, J.
Schatzki, R.
Shea, C. J.
Siscoe, D. L.
Smith, J. A.
Smith, W. D.
Spalding, R.
Spellman, J. W.
Sprague, H. B.
Stalvey, H. D.
Stone, B. H.
Stone, W., Jr.
Sturgis, G. P.
Sullivan, C. L.
Talbot, F. B.
Thoma, K. H.
Tilley, R. F.
Viets, H. R.
Webster, R. C.
West, F. J.
Wheelock, F. C., Jr.
Winsor, A. P.
Young, E. L.
Zaudy, E. C.
Zeller, J. W.

Bryantville
Angley, J. C.

Cambridge
Bloomfield, D. K.
Bock, A. V.
Brazelton, T. B.
Caplan, G.
Carter, F.
Carter, G. H.
Dalrymple, W.
Dawes, D. C.
de Marneffe, F. L. A.
Deutsch, H.
Dexter, C. J.
Edsall, G.
Evans, R. D.
Farnsworth, D. L.
Faulkner, J. M.
Forbes, A.
Forbes, V. A.-C.
French, E. G.
Gaitonde, M. K.
Gates, P. H.
Godley, A. F.
Hansen, R. J.
Heath, C. W.
Hubbard, E., Jr.
Lifton, R. J.
Matz, M. H.
Means, P. H.
Robey, J. S.
Rosenblith, W. A.
Ross, R. A.
Rudy, H. A.
Stevens, H. P.
Thorndike, A.
Toll, K. van S.
Trump, J. G.
Weinberger, J. L.
Whittemore, W. S.
Young, R. A.
Zetzel, E. R.

Canton
Yens, O. C.

Chelsea
Letsou, V. G.
Wheeler, J. T.

Chestnut Hill
Brigham, F. G.

Cohasset
Howe, H. F.
Sceery, R. T.

Concord
Austin, R. C.
Hitchcock, J.
McDonald, F. C.
Tompkins, J. B.
Whitfield, T. J., III

Danvers
Hall, M. G.
Leach, C. A., Jr.
Licciardello, A. T.
Stanton, J. C.

Dedham
Putnam, H. M.
Sweetnam, G. H.
Vaughan, R. H.

East Pepperell
Swaim, L. T.

Everett
Jackson, A. M.
McLaughlin, C. H.

Fall River
Atwood, W. G.
Hawes, C. H.
Hill, N. P.
Mason, W.
Picard, E. H.
Weiser, A.

Fitchburg
McPeak, C. N.
Pick, W.
Walker, G. M.

Foxboro
Putnam, J. J.

Framingham
Bloomberg, W.
Denton, J. E.
Folsom, H. F.
Golden, T. S.
Hirsch, L. S.

Gloucester
Johnson, L. F.

Greenfield
Buchanan, W. R., Jr.
Moran, J. E.
Wallace, E. P.

Hadley
Huntington, J. L.

Harvard
Brown, L. T.
Wigglesworth, W. C.

Haverhill
Shipley, M. S.
Shlossberg, F. R.

Hingham
Eldredge, L. L., Jr.
Emerson, G. F.
Howland, J. B.

Holyoke
Bagg, E. P., Jr.
Mahoney, S. A.

Lawrence
D'Urso, J. J.
Feeney, F. J.
Ganem, E. J.

Leominster
Wheeler, C. A.

Lexington
Bellinger, M. J.
Cosgrove, W. L.
Ferguson, A. B., Jr.

Longmeadow
Huston, L. L.

Lowell
Grant, G. J. M.
Leahey, B. D.
Rebello, D. J. A.
Sullivan, J. J.

Lynn
Newhall, H. F.
O'Keefe, E. S.
Sarris, S. P.
Swartz, M.
Vance, L. A.

Malden
Thorp, E. G.

Marblehead
Hopkins, S. W.
Packard, F. H.
Watson, R. H.

Medfield
Reggio, A. W.

Medford
Morrissey, A. M.

Melrose
Daffinee, R. W.
Herm, R. J.

Middleboro
Arzimanoglou, A. A.

Milton
Baker, W. J.
Brown, L.
Coons, A. H.
Gamble, C. J.
Hepburn, J. P.
Kernan, R. D.
Sullivan, E. R.
Tudor, F.
Van Dyke, W.
Vose, R. H.

Nahant
Cusick, L. F.

Nantucket
Wood, B. S.

Needham
Brown, F. H.
O'Keeffe, A. F.

New Bedford
Hoffman, H. A.
Lewis, E. O.
Maynard, G. B., Jr.
Stevens, H. W.
Tripp, C. C.

Newburyport
Bullard, C. W.
Clark, G. O.
Hamilton, R. DeL.
Toppan, R. L.

Newton
Adams, R. H.
Adler, M. H.
Bell, G. O.
Shirley, J. N.

Newton Centre
Derow, S.
Ervin, F. R.
Kennard, H. E.
Rutherford, R. W.

Newton Highlands
Kaplan, S.
Thompson, R. D.

Newtonville
Garcelon, G. G.

Northampton
Averill, J. H.
Tatlock, H.
North Andover
Rogers, H.
Wallwork, D. W.
Norwood
Booth, N. A.
Sternstein, H. J.
Pittsfield
Breslin, J. E.
Locksley, H. B.
Reynolds, G. S.
Tracy, R. J.
Plymouth
Hamilton, H. H.
Quincy
Chapman, R. B.
Chasen, M. C.
Ciano, J. F.
Hussey, M. B.
McCarthy, P. L.
Salem
Breed, F. B.
Clark, D. S., Jr.
Flynn, J. G.
Freedberg, A. P.
LeDonne, J. E.
Lowd, H. M., Jr.
Phippen, W. G.
Polansky, S. C.
Shannon, J. M.
Stebbins, H. D.
Thompson, R. H.
Scituate
Kearsley, R. B.
Sharon
Brown, R. H.
Somerville
McLean, J. D.
Petersen, J. A.
South Barre
Warner, J. H.
Southboro
Ingalls, T. H.
South Hamilton
Rogers, D. M.
Springfield
Bachulus, M. J.
Carson, P. C.
Chapin, L. D.
Derby, J. P.
Derrick, C. C.
Drewry, G. R.
Edgelow, A. F. G.
Franseen, E. F.
Hayes, D. R.
Hopkins, F. S.
Hoyt, W. F.
Lewis, J.
Plotkin, L. H.
Williams, D. W.
Zacarian, S. A.
Stockbridge
Kimberly, C. H.
Swampscott
Mayo, F. B.
Miller, C. C.
Walpole
Petranek, J. R.
Waltham
Hardy, I. B.
Holmes, J. A.
Lawlor, E. F.
Lewis, J. L.
Shugar, J. L.
Wareham
Lincoln, J. R.
Waverley
Bower, W. H.
Cain, A. J.
Christ, J.
Clark, J. G., Jr.
Daniels, E. M.
Eldred, S. H.
Folch-Pi, J.
Hallenbeck, D. F., Jr.
Haycox, J. A.
Hess, H. H.
Howard, P. M.
Kahne, M. J.
Le Baron, F. N.
Lees, M. B.
Magraw, C. E.
Parsons, A.
Pierce, I. R.
Pope, A.
Prekup, J. T.
Rapoport, R. N.
Sharpe, J. D.
Silverman, S.
Stanton, A. H.
Swinson, M. E.
Walter, M. McN., Jr.
Washburn, S. L.
Wermer, H.
Wellesley
Pfeffer, W., Jr.
Villee, D. B.
Wellesley Hills
Angelini, H. D.
Fay, G. F.
Freese, C. G., Jr.
Goodall, E. B.
May, G. E.
Klein, D. C.
Parker, J. S.
Pippitt, R. B.
Westboro
Holt, W. L., Jr.
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Faxon, N. W.
West Newton
Bennett, D. R.
Weston
Greene, D. C., Jr.
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Rogers, W. P., Jr.
Skinner, J. C.
Taylor, G. W.
Van Nüys, F.
Wallace, R. H.
Westwood
Cummer, F. H., Jr.
Ives, L. M.
Williamstown
Urmy, T. V.
Winchester
Clark, R. J.
Haley, W. D.
Kaufmann, G. G.
McKenzie, W. L.
McLean, J. D.
Marks, G. A.
Mueller, H. L.
Worcester
Alton, B. H.
Burrow, J. G.
Carmody, J. T. B.
Damiani, C. R.
Duggan, J. A.
Johnson, V. S.
Kinnicutt, R.
Lingley, J. R.
Miller, E. C.
Peterson, H. O.
Seelye, W. C.
Sniffen, R. C.
Stone, B. B.
Wheeler, B. C.

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Cecil, L. McF.
Coller, F. A.
Gaston, L. W.
Miller, J. G.
Smillie, J. W.
Vial, A. B.
Waldron, A. M.
Yaffee, H. S.
Dearborn
Bloomer, E.
Detroit
Blodgett, W. H.
Comly, H. H.
Esslinger, J. O.
Frame, B.
Hiebert, J. M.
Osius, E. A.
Peabody, C. W.
Sphire, R. D.
Stiefel, D. M.
Sweeny, D. N., Jr.
Zuelzer, W. W.
Zukowski, H. J.
Grand Rapids
Beeman, C. B.
Faust, L. W.
Sugiyama, T.
Holland
Clark, N. H.
Ionia
Tannheimer, J. F.
Iron Mountain
Alexander, W. H.
Jackson
Munro, N. D.
Pontiac
Cudney, E. B.
Port Huron
McClung, J. L.
Sault Ste. Marie
Howard, F. H.

MINNESOTA

Duluth
Clapp, S.
Minneapolis
Goetz, F. C.
Henry, M. O.
Johnson, N. P.
Kennedy, B. J.
Lowe, C. U.
Pohl, J. F.
Rodgers, R. S.
Rochester
Balfour, D. C., Jr.
Brindley, C. O.
Chapman, C. E.
Haines, S. F.
Helmholz, H. F., Jr.
Livermore, G. R., Jr.
Randall, R. V.
Stout, H. A.

St. Paul
Peterson, H. O.
Schwyzer, M.

MISSISSIPPI

Jackson
Guyton, A. C.

MISSOURI

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van Ravenswaay, A. C.
Kansas City
Dann, D. S.
Dennie, C. C.
Lilly, T. E., Jr.
Pickard, N. S.
Trowbridge, E. H., Jr.
Winkler, J. J.
St. Joseph
McDaniel, J. R.
Riddell, R. V.
St. Louis
Doisy, E. A., Jr.
Drake, T. G.
Hanser, T. H.
Hershey, F. B.
Key, J. A.
Klaus, H.
Lawrence, G. H.
Lytton, W.
Maughs, S. B.
Moore, S.
O'Brien, R. M.
Robins, E.
Rukes, J. M.
Stephens, W. A.
Strauss, A. E.
Thomas, W. A.
Trenton
Fuson, W. A.
Webster Groves
Gaunt, F. P.

NEBRASKA

Aurora
Steenburg, D. B.
Steenburg, E. K.
Omaha
Bisgard, J. D.
Luikart, R. H.
Martin, J. W.

NEVADA

Las Vegas
Woodbury, H. W.
Reno
Cantlon, E. L.
Cantlon, J. V.

NEW HAMPSHIRE

Concord
Mintz, E. R.
Dover
Wilson, R. F.
Exeter
Heyl, J. T.
Hancock
Eustis, R. S.
Hanover
Anthonisen, M. R.
Gundersen, S. M.
Heyl, H. L.
Hunter, R. W.
King, D. S.
McKenna, J. B.
Staples, O. S., Jr.
Sycamore, L. K.
Keene
Lacey, W. H.
Manchester
Bienvenu, L. J.
Colokathis, P.
Elliot, H. L.
Kalil, T. H.
Portsmouth
Beck, P.
Lium, R.
Wilton
Locke, E. A.
Winchester
Williams, C. A.
Wolfeboro
Gregory, H. E.

NEW JERSEY

Elizabeth
Gorman, R. V.
Weigel, E. W.
Englewood
Roberts, C. D.
Fort Dix
Kind, H. A.
Glen Ridge
D'Alessandro, G. L.
Irvington
Charash, L. I.
Montclair
Walton, R. W.
Morristown
Ward, A. J.
Newark
Schaaf, R. S.
New Brunswick
Kuhn, W. G., Jr.
Orange
Stearns, T.
Paterson
Sporer, E. S.
Van Eerde, A.
Plainfield
Egel, N.
Princeton
Munro, J.
Summit
Willetts, A. T.
Teaneck
Randall, R. E., Jr.
Upper Montclair
Freeman, G. M.

NEW MEXICO

Albuquerque
Parnall, E.
Los Alamos
Grier, R. S.
Shipman, T. L.

NEW YORK

Albany
Berg, H. W.
MacMillan, H. A.
Traver, C. A.
Astoria, Long Island
Baxter, C. F.
Bath
Traver, R. F.
Bronxville
Thatcher, B. van H.
Brooklyn
Cohen, I. J.
Friedman, C. F.
Hamilton, H. B.
Harvey, R. B.
Warren, C. F.
Buffalo
Field, H., Jr.
Graham, J. B.
Holland, J. B.
Hummel, L. E.
Lambert, E. C.
Osgood, H.
Schenk, W. G., Jr.
Stewart, J. D.
Stiff, D. W. S.
Cooperstown
Andrew, N. W.
McIver, M. A.
Sahler, O. DeP.
Glen Head, Long Island
Heggie, J. F.
Glens Falls
Batt, R. C.
Great Neck, Long Island
Madey, S. L.
Hudson
McGahey, C. E.
Katonah
Thompson, W. A.
Larchmont
Haralambie, J. Q.
Little Neck, Long Island
Wenig, M.
Lyons
Rauh, A. E.
Manhasset, Long Island
Nicosia, A. P.
Mechanicville
Ryan, J. P.
Mount Morris
Judd, J. M.
New York City
Alper, J. M.
Ayers, W. B.
Bowden, L.
Byrnes, R. L.
Carroll, R. E.
Chamberlain, J. M.
Collins, H. S.
Damon, A.
Dickson, C. C.
Dole, V. P., Jr.
Fishman, R. A.
Goldblatt, M. E.
Golden, R.
Hammond, J. W., Jr.
Heffron, R.
Hobson, L. B.
Huber, W. M.
Kraut, H. L.
Lake, M.
Lambert, J. T.
Loeb, R. F.
Maier, J.
Maisel, B. I.
Mendelsohn, M. L.
Metcalf, K. M.
Michie, A. J.
Michie, C. R.
Middlebrook, G.
Moore, B. E.
Mote, J. R.
Patterson, R. H.
Patterson, R. L., Jr.
Pearson, O. H.
Pier, G.
Putnam, C. R. L.
Quan, S. H. Q.

Rappleye, W. C.
Rolett, E. L.
Rosenthal, A. L.
Rowell, H. G.
Ryan, C. D.
Shaw, H. A.
Sprague, E. H.
Surls, J. K.
T'an, C. C.
Tenney, V. A.
Twombly, G. H.
Ulick, S. C.
Watson, R. F.
Whittemore, J. P.
Williams, R. C., Jr.
Wilson, E. H., Jr.
Wilson, P. D.
Wilson, P. D., Jr.
Wysham, D. N.
Yanagisawa, K.

Oneonta
Greenough, J.

Ozone Park
Edelman, G. M.

Pearl River
Langer, G. A.

Plattsburg
Barton, L. G., Jr.

Pleasantville
Barry, R. M.

Poughkeepsie
Bedell, W. C.
Keeley, J. K.
Whitford, W.

Rensselaer
Seed, J. C.

Rochester
Allison, C. R.
Barnett, T. B.
Boller, C.
Clark, M. M.
Crawford, H. B.
Gillies, A. J.
Greene, N. M.
Guller, E. I.
Jones, T. B.
Kennedy, R. P.
Morton, J. J.
States, J. D.
Stewart, J. M.
Strom, J. O.
Sweet, R. B.

Roslyn, Long Island
Frick, A. H. C.

Saranac Lake
Welles, E. S.

Scarsdale
Hammond, W.

Staten Island
Maloy, J. K.

Syracuse
Dunn, E.
Gardner, L. I.
Gibson, L. E.
Hale, C. H.
Halsted, J. A.
Neptune, E. McC.
Silverman, A. C.
Squire, L. F.
Straehley, C. J., Jr.

Troy
Talin, J. J.

Upton, Long Island
Cotzias, G. C.
Dahl, L. K.
Stall, B. G., III

Utica
Case, C. T.
English, H. S.
Millet, J. B.

Valhalla
Lynn, J. G., IV

Watertown
George, H. L., Jr.

White Plains
Kneisel, J. J.

NORTH CAROLINA

Asheville
Morrison, R. W.

Biltmore
Freeman, W. T.

Chapel Hill
Burnett, C. H.
Chamberlin, H. R.
Craige, E.
Gottschalk, C. W.
Heusner, A. P.
Jessner, L.
Lansing, C.
McClellan, W. S.
Monroe, J. T., Jr.
Taylor, I. M.

Charlotte
Brenizer, A. G., Jr.
Elliott, J. A., Jr.

Durham
Coolidge, T. B.
Herring, E. J.
Pearse, R. L.
Peete, W. P. J.
Persons, E. L.
Reeves, R. J.
Wyngaarden, J. B.

Greensboro
Register, J. F.
Spencer, R. E.
Troxler, E. R.

Raleigh
Manly, I. V.
Rhodes, J. S.
Young, D. A.

Southern Pines
McMillan, R. M.

Wilmington
Graham, C. P.

Winston-Salem
Conrad, E.
Henley, T. F.

OHIO

Akron
Kramer, J. G.
Voke, E. L.

Canton
Scott, M. W., Jr.

Cincinnati
Acheson, G. H.
Block, G. L.
Capps, S. C.
Freiberg, J. A.
Gall, E. A.
Judd, A. B.
Newstedt, J. R.
Rosenbaum, M.
Rubinstein, J. H.

Cleveland
Badal, D. W.
Brewster, H. H.
Clowes, G. H. A., Jr.
Evans, R. R.
Ford, A. B.
Glover, D. M.
Groves, L. K.
Hopkins, R. W.
Jefferies, W. McK.
Kendrick, J. I.
McDermott, N. T.
Placak, J. C., Jr.
Rhinelander, F. W.
Shannon, E. W.
Simeone, F. A.
Spreng, K. E.
Steel, D.
Veazey, P. M.

Cleveland Heights
Weir, D. R.

Columbus
Dawson, C. W.
Ellis, E. O.
Haynes, R. C.
Haynes, W. M., Jr.
Tetirick, J. E.
Wheeler, W. E.

Dayton
Flook, S. E.
Hochwalt, W. R.
Judy, J. A.

Lyndhurst
Ferguson, J. J., Jr.

Ravenna
Gibson, G. C.

Toronto
Kuhlman, E. G.

Youngstown
Coombs, F. S., Jr.
McElroy, W. D.

OKLAHOMA

Muskogee
Fite, E. H.

Oklahoma City
Eliel, L. P.

Tulsa
Steele, B. W., Jr.

OREGON

Medford
Durno, E. R.

Portland
Baker, R. L.
Boyden, A. M.
Burns, E. M.
Carter, R. R.
Hall, R. G.
Livingston, W. K.
Ray, L. F.
Rockey, E. W.
Saslow, G.
Spangler, P. E.

PENNSYLVANIA

Ardmore
Sampson, D. A.

Bangor
Cascario, N., Jr.

Bethlehem
Leister, C. M.

Erie
Davis, A. G.
Fortune, C. W.

Germantown
Thorndike, W. T. S.

Hamburg
Schiebler, G. L.

Harrisburg
Berkheimer, G. A.

Havertown
Bliss, H. A.
Lancaster
Smith, E. G.
Narberth
Schnabel, T. G., Jr.
Philadelphia
Barrows, L. J.
Brannon, L. C.
Dohan, F. C.
Fisher, M. S.
Goeringer, C. F.
Heath, R. D.
Ludwig, G. D.
Montgomery, H.
Nicholson, J. T.
Normann, N.
Starr, I.
Stokes, J., Jr.
Stunkard, A. J.
Wood, H. P.
Pittsburgh
Fennell, R. H., Jr.
Foldes, F. F.
Mabon, T. McC.
McLaughlin, W. B.
Reading
Leinbach, T. C.
Morrissey, E. J.
West Point
Boger, W. P.
Williamsport
Simon, R. L.

RHODE ISLAND

Central Falls
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Pawtucket
Hogan, J. F.
Providence
Cutts, F. B.
Dowling, J. L., Jr.
Fallon, J. T.
Hamlin, H.
Happ, L. C.
Kingman, L. C.
Littlefield, J. W.
McDonald, C. A.
Pitts, J. D.
Robinson, M.
Sargent, F. B.
Sawyer, C. S.
Sinclair, E. B.
Troppoli, D. V.

SOUTH CAROLINA

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Boone, J. A.
Talbert, O. R.
Tucker, R. P.
Columbia
Theus, W. W.

TENNESSEE

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Stetson, J. B.
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Higgins, R. B.
Memphis
Shaw, J. L.
Stern, N. S.
Nashville
Buchanan, R. N., Jr.
Clark, S. L., Jr.
Cobb, C. A., Jr.
Lamson, P. D.
Lee, J. M.
Newman, E. V.
Towery, B. T.
Oak Ridge
Ruley, H. B.

TEXAS

Austin
Kreisle, J. E.
Beaumont
Hinshaw, A. J.
Corpus Christi
Powell, S. M., Jr.
Dallas
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Donald, J. H.
Giles, R. B., Jr.
Jenkins, M. T.
Martin, C. L.
Martin, J. A.
Moore, H.
Rosser, C.
Siperstein, M. D.
Spence, H. M.
Williams, O. B., Jr.
Young, J. G.
Denison
Freeman, D. W.
Fort Worth
Flood, W. E.
Rutledge, R. H.
Houston
Boylston, B. F.
Crawford, E. S.
David, S. D.
Eppright, R. H.
Keats, A. S.
Owen, W. R.
Park, J. H.
Smith, E. T.
McAllen
Evans, S. S.
San Antonio
Riege, D. H.
Temple
Scott, A. C., Jr.

UTAH

Ogden
Keyes, G. H.
Perkins, A.
Salt Lake City
Christensen, W. R.
Hatch, F. F.
Haut, A.
Moreton, J. R.
Nelson, R. M.
Nielsen, T. W.
Young, C.

VERMONT

Bennington
Giddings, W. P.
Brattleboro
Anthonisen, N. L.
Sharpe, J. D.
Burlington
Bell, J. F.
Donaghy, R. M. P.
Kuhlmann, R. F.
Smith, R. P.
Soule, A. B., Jr.
Fairfield
Gannon, M. L.
Montpelier
Buttles, R. V.
South Royalton
Sanborn, F.
Waterbury
Chittick, R. A.
White River Junction
Crandell, W. B.

VIRGINIA

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Bristol
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Charlottesville
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Wood, J. E., Jr.
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Waring, E. S.
Norfolk
Exley, M. M.
McDowell, W. P.
Richmond
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Farrell, M. E.
Fairmont
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Martinsburg
Cheer, S.-N.
Morgantown
Shaffer, H. A.
Welch
Kristjansson, H.
Wheeling
Weiler, H. G.

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LaCrosse
Gundersen, A. L.
Gundersen, S. B., Jr.
Gundersen, T. E.
Murphy, G. B., Jr.
Madison
Albright, E. C.
Gordon, E. S.
Javid, M.
Paul, J. R., Jr.
Rutter, T.
Milwaukee
Barrow, D. W.
Berlow, S.
Conley, J. E.
Holbrook, A. A.
Kerrigan, G. A.
Schneider, C. C.
Schwartz, A. B.

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Wheatland
Lunt, L. K.

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Schnack, A. G. C.
Stewart, S. F.
Yee, L. P. K.

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Sydney
Trethowan, W. H.

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Londonderry, N. S.
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Kahn, D. S.
MacDermot, P. N.
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St. Catharines, Ont.
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Toronto, Ont.
Gardiner, W. J.
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Winnipeg, Man.
Adamson, G. L.

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Hong Kong
Wang, C. A.
Hsichow
Roots, L. H.
Peiping
Woo, S. T.

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Copenhagen
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Ibsen, B.

ENGLAND
Ilford
Sloane, R. B.
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Austin, G. L.
Barlow, J. J.
Chaplin, H., Jr.
Christenson, W. N.
Gibson, J. G.
Gore, C. P.
Leigh, A. D.
Rasmussen, H.
Rasmussen, J. S.
Robillard, R. L.

FRANCE
Lyon
Michel, A. J. D.
Paris
Sanders, M. B.

GERMANY
München
Hüppe, J. R.
West Berlin
Harder, H. J.

GREECE
Thessalonica
Papadopoulos, D. A.

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Guatemala City
Fuchs, P.
Herrera, R. E.
Toriello, J.

HAITI
St. Marc
May, H. L.

HOLLAND
Amsterdam
Donner, R.

INDIA
Gaya, Bihar
Singh, M. M.
Madras
Yankauer, A.

ISRAEL
Petah Tiqva
Laron, Z.

LEBANON
Beirut
Wilson, J. L.

NORWAY
Oslo
Lund, I.
Stovner, J.

PERSIAN GULF
Bahrain
Harrison, P. W.

PHILIPPINES, Republic of
Manila
Canlas, B. D., Jr.
Rosales, R. K.

SOUTH AFRICA
Johannesburg
Gamsu, D.
Senior, B.

SWITZERLAND
Basel
Hügin, W.
Geneva
Müller, A. F.
Zurich
Perry, J. W.

SYRIA
Aleppo
Karamanoukian, E.

WALES
Cardiff
Thomas, A. G. T.

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...
.....($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...
.....($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the General Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

See also page 110 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

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